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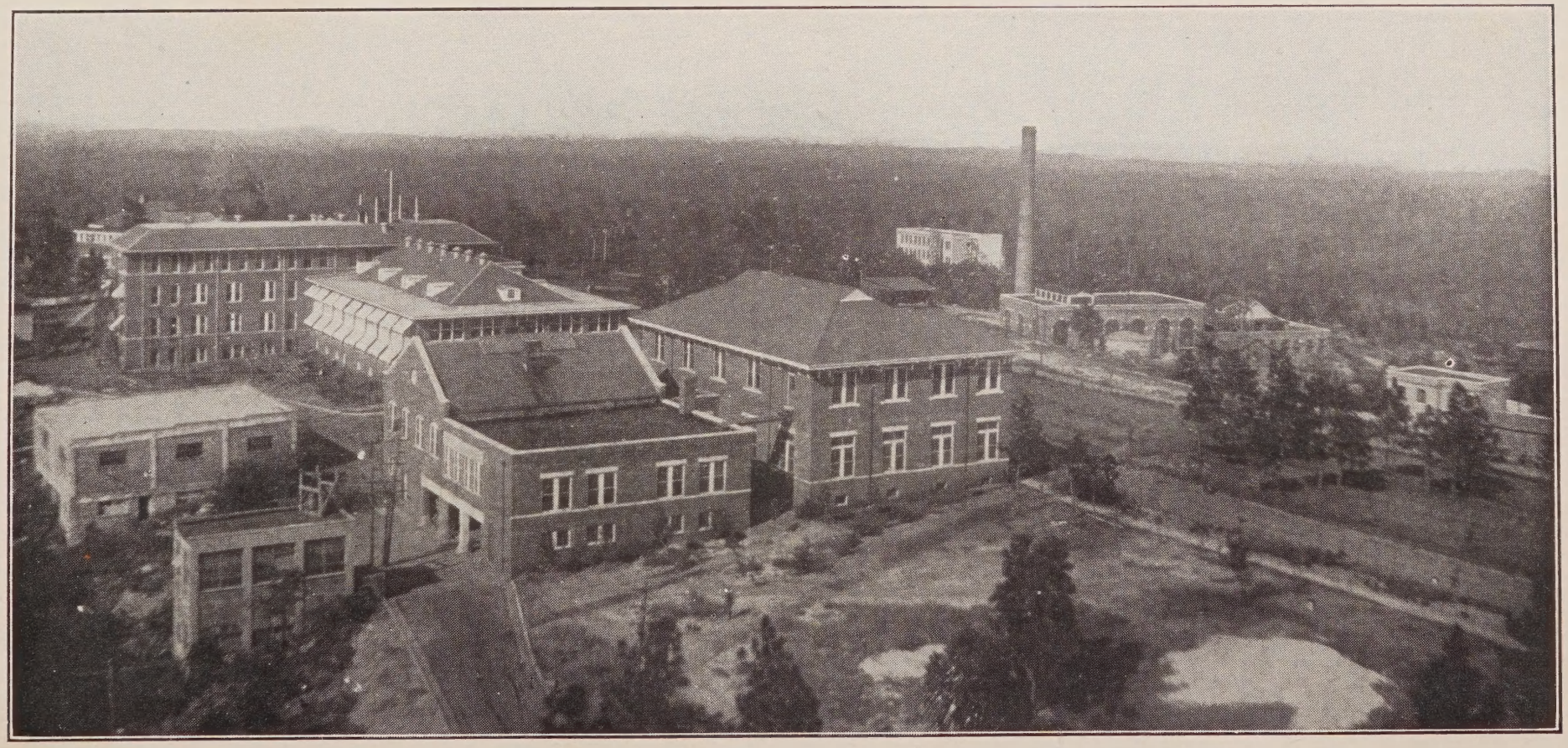

General View of Buildings

North Carolina Sanatorium for the Treatment of Tuberculosis

biennial
1930/1932

ELEVENTH ANNUAL REPORT

OF THE

North Carolina Sanatorium for the Treatment of Tuberculosis

SANATORIUM, N. C.

FOR THE PERIOD

FROM JULY 1, 1923, TO JUNE 30, 1924

RALEIGH
EDWARDS & BROUGHTON PRINTING COMPANY
1925

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NORTH CAROLINA SANATORIUM
FOR THE TREATMENT OF TUBERCULOSIS

PERSONNEL
BOARD OF DIRECTORS

Dr. T. W. M. Long, *Chairman*	Roanoke Rapids
Mr. U. L. Spence, *Vice-Chairman*	Carthage
Mr. W. E. Harrison, *Secretary*	Rockingham
Dr. William P. Holt	Duke
Dr. J. C. Braswell	Whitakers
Mr. J. R. Jones	Sanford
Mr. James Oettinger	Wilson
Mr. R. K. Blair	Charlotte
Col. W. M. Person	Louisburg

Superintendent and Medical Director	P. P. McCain, A.B., M.D.
Assistant Superintendent and Resident Physician	S. M. Bittinger, M.D.
Assistant Physician	J. H. Williams, A.B., M.D.
Assistant Physician	W. Bernard Kinlaw, M.D.
Clinic Physician	D. R. Perry, M.D.
Clinic Physician	S. E. Lee, M.D.
Superintendent of Nurses	Miss Elizabeth Connolly
Assistant Superintendent of Nurses	Miss Kate Satterwhite
Laboratory Technician	Miss Maud Mann
Cashier	F. L. Eubanks
Steward	F. D. Cliff
Farm Superintendent	E. B. Garrett

EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM FOR THE TREATMENT OF TUBERCULOSIS

Director	P. P. McCain, A.B., M.D.
Stenographer, Chief	Mrs. H. O. Sink
Stenographer	Miss Idabel Callahan
Stenographer	Miss Sibyl Brabble
Stenographer	Mrs. C. W. Covington

CONSULTING STAFF

Surgery	Dr. Geo. W. Pressly	Charlotte
	Dr. J. F. Highsmith	Fayetteville
Eye, ear, nose and throat	Dr. Jas. M. Lilly	Fayetteville
	Dr. Wm. S. Jordan	Fayetteville
Genito-urinary	Dr. A. J. Crowell	Charlotte
	Dr. J. D. Highsmith	Fayetteville
Pathology	Dr. Jas. B. Bullitt	Chapel Hill
Pharmacology	Dr. Wm. deB. MacNider	Chapel Hill

LETTER OF TRANSMITTAL

To His Excellency, Governor Cameron Morrison, *Raleigh, N. C.*

Sir:—I have the honor to transmit herewith the report of the Superintendent of the operations of the North Carolina State Sanatorium for the Treatment of Tuberculosis for the fiscal year ending June 30, 1924. The report of the Superintendent is accepted as the report of the Board of Directors.

Respectfully submitted, T. W. M. Long,
Chairman, Board of Directors.

ELEVENTH ANNUAL REPORT

OF

THE NORTH CAROLINA SANATORIUM FOR THE TREATMENT OF TUBERCULOSIS

Dr. T. W. M. Long, *Chairman, Board of Directors of the North Carolina Sanatorium, Roanoke Rapids, N. C.*

Dear Dr. Long:—It is my pleasure to hand you herewith the Eleventh Annual Report of the North Carolina Sanatorium for the Treatment of Tuberculosis for the year ending June the 30th, 1924.

The resignation last January of Dr. L. B. McBrayer, who had been Superintendent of the Sanatorium for almost ten years, was a tremendous loss to the institution. For his services to the State and to the cause of tuberculosis in building up the Sanatorium from an insignificant institution, which did not even enjoy the confidence of the people of the State, to its present splendid condition, we owe him our heartfelt gratitude. The following resolution of the Board upon his resignation is most fitting:

> *Resolved,* that in the opinion of the Board of Directors of the State Sanatorium for the Treatment of Tuberculosis Dr. L. B. McBrayer has as superintendent rendered distinguished and unselfish service to the institution and the State, that he has been chiefly instrumental in making the Sanatorium second to none in the country, and his retirement as superintendent will work a distinct loss to the institution and to the treatment of tuberculosis throughout the State. The Board desires to express and record its complete confidence in Dr. McBrayer as superintendent of the institution and as a man, and regrets his official retirement from its management.

I wish to gratefully acknowledge the kindly advice and assistance which Dr. McBrayer has given me since I became superintendent, and also the spirit of coöperation which he as executive head of the North Carolina Tuberculosis Association has continued to manifest.

Dr. S. M. Bittinger, the assistant superintendent and resident physician, Dr. J. H. Williams, and the other members of the medical staff have labored with me most faithfully, as have also the heads of all the departments, and their coöperation has made it possible for me to carry on the work of the institution.

The completion during the year of our refectory building and the power house and laundry has made it possible for us to render much more efficient and satisfactory service to our patients.

The colored unit was also completed during the fiscal year and the first patients were received on October 5th. This branch of the institution has been intensely interesting to our whole staff. It is the first opportunity any of us have had to study tuberculosis in any number of the colored race. Contrary to the opinion frequently expressed, we find that under proper conditions the negro will respond readily to treatment for tuberculosis.

Dr. J. W. Walker, the colored physician at the negro unit, of his own accord and to our regret left us in April. We find it very much more economical, however, for the medical work to be done by one of the physicians on our staff at the white unit, since the work at the colored unit does not as yet require the services of a full time physician and a white physician can work at both units. Since Dr. Walker and his wife left, Mrs. C. E. Broadfoot, our head nurse at the colored unit, has also been matron and has been rendering efficient and faithful service.

Our training school for nurses under our most competent superintendent of nurses, Miss Elizabeth Connolly, continues to be one of our most useful undertakings, both for the Sanatorium itself and for the tuberculosis work throughout the State. We had four in our graduating class this year. Our graduates are always in great demand and a number of them are filling important positions in this and other sanatoria and in other public health work.

The beautifying of our grounds has made a wonderful improvement in the appearance of the whole institution.

Work on the prison sanatorium unit and the waterworks plant is progressing fairly well. We are especially anxious for the speedy completion of the waterworks plant, for at present we have an insufficient amount of water for our usual needs and practically no fire protection.

I am glad to report a reduction in our per capita cost from $2.79 last year to $2.45 for the year just closed. This is all the more gratifying in the face of the loss sustained by the farm. This loss on the farm is due in large part to several causes: an unavoidable delay in getting the farm work started, extremely unseasonable weather, and a considerable difference from last year in the estimated value of the farm equipment as shown in the auditor's report. Because of the difference in the estimated value of our hogs, the hog account also shows a loss.

Among the reasons why the dairy does not show a larger profit may be mentioned a considerable difference also in the estimated value of our live stock and the fact that this year the dairy is only credited with the bottled milk delivered to the Sanatorium instead of with the number of pounds milked. We have also continued to have some trouble with contagious abortion, but in recent months this has been very much better, and we hope that with the present facilities for segregation we will have little further trouble in this respect. We have tried to weed out the cows which were not producing profitably and have killed them

for beef. We are in hopes that the production of the herd will be materially increased by the larger pastures which are being provided.

In our Extension Department we have endeavored to lay special emphasis on prevention and early diagnosis, since we considered these the two most important factors in the tuberculosis problem. In order to encourage the general use of sanitary supplies we have made arrangements to distribute sputum cups, handkerchief gauze, paper napkins, and disinfectant at slightly less than actual cost.

During the spring the Extension Department offered to take over the work of the diagnostic clinic which had previously been conducted by the North Carolina Tuberculosis Association and the offer was accepted. There has been such a demand for these clinics that we secured the services of another full time clinician. Both these clinics and our diagnostic clinics here at the Sanatorium are accomplishing a wonderful amount of good.

Our waiting list of applicants for admission to the Sanatorium has become so large that it now equals our entire bed capacity, and patients have to wait from two to three months after their applications are accepted before they can gain admission. We feel that this is extremely unfortunate, for it frequently means that during the long wait for admission without proper treatment the patient's disease has become so advanced that he cannot be benefited. We feel that there is a tremendous need for sufficient additional accommodations to double our capacity and also for the cost to be reduced so that sanatorium treatment will be within the reach of all.

We have also been doing all within our power to encourage counties to establish their own sanatoria to help take care of the growing demand for sanatorium beds. Guilford County's newly established sanatorium has demonstrated beyond question the value and the practicability of the county institution. Three other counties in the State are soon to vote on the proposition and, we hope, favorably so. Some of the other counties have also provided separate buildings for indigent tuberculous patients in connection with their county homes.

We are glad to report that there was a slight further decrease in the mortality from tuberculosis last year, there being forty-five fewer deaths in the State during the year 1923 than in 1922.

I wish to call your attention especially to that part of the report showing the after results of sanatorium treatment. We claim to have the most complete records on our discharged cases of any sanatorium in the United States. We have only lost track of fifty-six out of all the patients discharged from the Sanatorium previous to December the 31st, 1923, the date when these statistics were compiled. Eighty-nine per cent of all the minimal cases are living and eighty per cent of them are working; fifty-nine per cent of the moderately advanced are living and forty-four per cent are working; twenty-seven per cent of the far advanced are living and thirteen per cent are working. These figures speak eloquently of the need of finding the case early.

The Sanatorium is very greatly indebted to Reverend Euclid McWhorter, our chaplain, for his untiring energies in behalf of the spiritual and social welfare of the whole Sanatorium population. Although the position carries no salary, he has labored unceasingly for the good of all, regardless of their creed or church affiliation.

We wish to express our appreciation to the State Federation of Women's Clubs and to the Daughters of the Confederacy for the free bed which each continues to maintain at the Sanatorium. We also wish to thank the Red Cross and the many other organizations mentioned in the body of the report which have contributed so liberally toward the support of the different patients here.

We are deeply grateful to the many friends of the institution who have furnished entertainment, contributed to our Patients' Benefit Fund, given fruit, flowers, Christmas treats, and so on, for the pleasure of our patient body.

I wish especially to express to you and to all other members of the Board my sincere appreciation of your hearty coöperation and your stimulating enthusiasm.

Most sincerely yours,

P. P. McCAIN,
Superintendent.

SUMMARY OF YEAR'S WORK

July 1, 1923—June 30, 1924

EXTENSION DEPARTMENT

Letters and postals received		41,351
Letters written:		
Individual	16,336	
Multigraph and mimeograph sent out	80,200	
		96,536
Articles written (approximate number of words):		
Newspaper	31,365	
Bulletin	9,600	
Official pamphlet	5,550	
Other publications	9,400	
		55,915
Articles copied (approximate number of words)		303,572
Mimeograph and multigraph letters and forms prepared		247
Total number of copies of m. letters and forms		63,626
Blank cards mailed for reporting cases of tuberculosis		3,220
Number of cases reported:		
White	1,428	
Colored	953	2,381
Literature sent to reported cases		6,333
Other literature sent		12,328
Sputum cups distributed		386,650
Tuberculin sent physicians for von Pirquet test		253
Blanks for reporting results of von Pirquet test		97
Patients' histories written		483
Approximate number of words in patients' histories		724,500
Envelopes addressed		130,173
Enclosures sent out		234,209

Report of L. B. McBrayer, M.D., F.A.C.P.
(From July 1, 1923, to January 9, 1924).

Days out of office	12
Addresses delivered	11
Number in audiences	625
Consultations and conferences	616

Report of P. P. McCain, A.B., M.D.

Days out of office	25
Addresses	6
Number in audiences	1,530

REPORT OF COUNTY TUBERCULOSIS CLINICS

These tuberculosis clinics, formerly conducted by the North Carolina Tuberculosis Association, were taken over by the Extension Department of the North Carolina Sanatorium on April 1st, 1924.

D. R. PERRY, M.D., *Clinic Physician*
April 1, 1924—June 30, 1924

Number of addresses delivered	2	
Total audiences	350	
Number of positive cases	131	
Number of probable cases	93	
Number of doubtful cases	77	
Number of negative cases	225	
Total number of examinations		526

S. E. LEE, M.D., *Clinic Physician*
May 19, 1924—June 30, 1924

Number of addresses delivered	1	
Total audiences	75	
Number of positive cases	108	
Number of probable cases	73	
Number of doubtful cases	20	
Number of negative cases	203	
Total number of examinations		404

MEDICAL REPORT

1924

STATISTICAL

Number of patients to be reported on	349
Number not classified	7
Number not tuberculous	34
Number of patients in Sanatorium July 1, 1924	175
Total number of patients treated during the twelve months	565

27 PATIENTS WHO STAYED LESS THAN 30 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 5	A	5				4	1	
	B							
	C							
Moderately Advanced 7	A							
	B	7				4	3	
	C							
Far Advanced 14	A							
	B	5				3	2	
	C	9				1	5	3
Acute Tuberculosis 1		1					1	
Total 27								

Total number of days, 431. Average stay, 15.9. Longest stay, 29. Shortest stay, 2.

Number gained weight, 13.		Number lost weight, 5.	
Average gain	4.7 lbs.	Average loss	2.05 lbs.
Largest gain	12.75 lbs.	Largest loss	4 lbs.
Smallest gain	.25 lbs.	Smallest loss	.25 lbs.
Stationary	2	Not weighed	7

64 PATIENTS WHO STAYED FROM 30 TO 89 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 18	A	14		1	5	8		
	B	4			1	3		
	C							
Moderately Advanced 16	A	3				3		
	B	13			2	11		
	C							
Far Advanced 30	A							
	B	10				5	5	
	C	20				8	11	1
Acute Tuberculosis 0		0						
Total 64								

Total number of days, 3,570. Average stay, 55.7. Longest stay, 86. Shortest stay, 30.

Number gained weight, 50.		Number lost weight, 14.	
Average gain	9.75 lbs.	Average loss	4.55 lbs.
Largest gain	26.75 lbs.	Largest loss	11.5 lbs.
Smallest gain	.5 lbs.	Smallest loss	.5 lbs.
Stationary	0	Not weighed	0

258 PATIENTS WHO STAYED 90 DAYS OR OVER

Condition on Admission		Condition on Discharge					
		Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 56	A 48	1	24	19	4		
	B 8		3	5			
	C						
Moderately Advanced 91	A 16		1	15			
	B 73		2	47	16	7	1
	C 2			2			
Far Advanced 110	A						
	B 65			21	26	14	4
	C 45			5	17	15	8
Acute Tuberculosis 1	1			1			
Total 258							

Total number of days, 54,963. Average stay, 213. Longest stay, 790. Shortest stay, 90.

Number gained weight, 228.		Number lost weight, 29.	
Average gain	16.2 lbs.	Average loss	7.97 lbs.
Largest gain	49.75 lbs.	Largest loss	24 lbs.
Smallest gain	.75 lbs.	Smallest loss	1 lb.
Stationary	1	Not weighed	0

HISTORY OF HEMORRHAGE

Negative		192
Positive	Previous only	117
	Previous and during residence	24
	During residence only	16

RESULTS OF SPUTUM EXAMINATIONS

Negative or no sputum		114
Positive	On admission	174
	During residence	138
	On discharge	69

SEX, AGE, AND CIVIL CONDITION

Sex	Age						Civil Condition		
	12–19	20–29	30–39	40–49	50–59	60–70	Single	Married	Widowed
Male 162	35	142	104	50	14	4	133	197	19
Female 187									
Total 349									

NATIONALITY: Americans, 347; Greeks, 2.

COMPLICATIONS

Acne	1
Acute urethritis	1
Adenitis	1
Adenomatous thyroid	1
Alveolar abscess	5
Anal fistula	3
Anemia (pernicious)	1
Ankylosis	1
Aortitis	1
Appendicitis	4
Arteriosclerosis	4
Arthritis	4
Asthma	2
Atrophic rhinitis	3
Atrophy of testicles	1
Blindness	1
Bone cyst	1
Bronchiectasis	4
Bronchitis	18
Broncho-pneumonia	4
Carious teeth	10
Chlorosis	2
Chronic constipation	5
Cystitis	1
Cystocele	3
Deafness (partial)	4
Diabetes	2
Dilatation of colon	1
Double pes planus	1
Eczema	1
Empyema	1
Endocervicitis	10
Endometritis	1
Enteritis (tuberculous)	15
Enuresis	1
Epididymitis	2
Epilepsy	1
Erosion of cervix	8
Fibromyoma of uterus	1
Fistula	6
Focal infection (teeth)	1
Frontal sinusitis	1
Gall-bladder disease	2
Gastric ulcer	2
Gingivitis	1
Goiter	2
Hemiplagia	1
Hemorrhoids	5
Hernia (inguinal)	2
Herpes Zoster	1
Hip joint disease	1
Hookworm	13
Hydro-pneumothorax	1
Hyperchlohydria	1
Hypertension	1
Hyperthyroidism	3
Hysteria	1
Impaired vision	1
Ischiorectal abscess	1
Kyphosis	1
Laceration of cervix	8
Laceration of perineum	5
Laryngitis (tuberculous)	46
Lues	6
Malaria	5
Melancholia	1
Menorrhagia	2
Meningitis	3
Mitral regurgitation	8
Movable kidney	2
Muscular weakness	1
Myocarditis	1
Nasal polypi	1
Nasopharyngitis	4
Neisserian infection	2
Nephritis	13
Otitis media	5
Ovarian cyst	1
Parotitis	1
Pediculosis capitis	1
Perforated Nasal septum	2
Peritonitis (tuberculous)	3
Pharyngitis	2
Phimosis	1
Phlyctenular conjunctivitis	1
Pleurisy with effusion	8
Pregnancy	2
Prolapsed ovary	1
Prolapsed uterus	2
Pyelitis	2
Pyo-pneumothorax	1
Pyorrhea	69
Pyosalpinx	2
Rectocele	2
Recto-vaginal fistula	1
Retroflexion of uterus	6
Retroversion of uterus	1
Rhinitis	13
Salpingitis	1
Sinusitis	8
Spondylitis deformans	1
Spontaneous pneumothorax	3
Strongyloides intestinalis	2
Subinvolution of uterus	1
Tapeworm	1
Tendon ganglion (right foot)	1
Tenia cruris	1
Tenia versicola	1
Thyroid disease	2
Tonsillitis	27
Ulceration of epiglottis	1
Urethral caruncle	1
Varicocele	6

OCCUPATIONS

Accountant	1
Auto salesman	1
Ball player	1
Barbers	2
Blacksmith	1
Bookkeepers	2
Brick mason	1
Cabinet maker	1
Cafe owner	1
Carpenters	6
Bank cashier	1
Chief fire department	1
Clerks	13
Collector	1
Depot agent	1
Electricians	2
Employee in aluminum plant	1
Employee in furniture factory	2
Employees of State Highway Commission	2
Engineers	2
Farmers	47
Florist	1
Garage workers	3
Gas station employee	1
Housework	131
Iron molder	1
Jockey	1
Livestock dealer	1
Lumber dealer	1
Marine service	1
Matron girls' school	1
Mechanics	5
Merchants	7
Milliners	3
Mill workers	22
Ministers	2
Musician	1
Nurses	6
Office worker	1
Oil mill foreman	1
Painters	4
Paper hanger	1
Paper mill worker	1
Physician	1
Piano salesman	1
Postmaster	1
Post office clerk	1
Printer	1
Railway car inspector	1
Railway conductor	1
Railway brakeman	2
Salesmen	2
Sawmill workers	2
Steam fitter	1
Stenographers	5
Steward	1
Street car conductor	1
Students	24
Teachers	5
Telegraph operators	1
Telephone operators	3
Trainman	1
Traveling salesmen	2
Tobacconists	2
Truck drivers	2
Vulcanizer	1
Watchman	1

COUNTIES FROM WHICH THE 49 PATIENTS CAME

Alamance	12
Alexander	2
Anson	1
Ashe	2
Beaufort	3
Bertie	12
Bladen	5
Brunswick	1
Burke	1
Cabarrus	10
Caldwell	4
Camden	3
Carteret	2
Caswell	2
Catawba	2
Chatham	1
Chowan	1
Cleveland	3
Columbus	2
Craven	2
Cumberland	8
Davidson	7
Davie	1
Dare	1
Duplin	2
Durham	9
Edgecombe	10
Forsyth	7
Franklin	2
Gaston	11
Granville	1
Greene	1
Guilford	7
Halifax	8
Harnett	8
Haywood	2
Henderson	2
Hertford	2
Hoke	1
Hyde	1

Iredell	9
Jones	1
Johnston	7
Lee	3
Lenoir	9
Lincoln	1
Martin	1
Mecklenburg	21
Moore	4
Nash	4
New Hanover	10
Onslow	2
Orange	1
Pasquotank	2
Person	1
Pitt	5
Polk	1
Randolph	2
Richmond	4
Robeson	2
Rockingham	1
Rowan	13
Rutherford	1
Sampson	5
Scotland	4
Stanly	11
Stokes	5
Surry	10
Swain	1
Transylvania	2
Tyrrell	1
Union	4
Vance	2
Wake	11
Warren	1
Washington	1
Wayne	8
Wilkes	2
Wilson	10
Yadkin	2
Yancey	1

TOWNS FROM WHICH THE 349 PATIENTS CAME

Ahoskie	2
Alarka	1
Albemarle	5
Angiers	1
Apex	2
Ararat	1
Aulander	1
Ayden	1
Badin	2
Barium Springs	1
Battleboro	1
Beaufort	1
Belcross	2
Bladenboro	2
Blanche	1
Bolton	1
Brevard	1
Brookford	1
Burlington	7
Bunn	1
Buxton	1
Bynum	1
Cabarrus	1
Carthage	2
Canton	1
Cary	2
Castalia	1
Charlotte	16
Cherryville	1
Chicod	1
Clayton	1
Clinton	2
Coats	1
Columbia	1
Cooleemee	1
Concord	6
Cramerton	1
Creedmoor	1
Crouse	1
Davidson	1
Duplin	1
Duke	1
Dunn	2
Durham	6
Eagle Springs	1
East Durham	1
Edenton	1
Elease	2
Elizabeth City	2
Elizabethtown	1
Elkin	1
Elm City	1
Elon College	2
Farmville	2
Fayetteville	5
Four Oaks	1
Forest City	1
Freeman	1
Garland	1
Gastonia	5
Gibson	1
Goldsboro	4
Greensboro	3
Greenville	1
Halifax	1
Hamlet	1
Haw River	1
Henderson	2
Hendersonville	2
Hickory	1
High Point	3

Higgins	1
Hope Mills	1
Huntersville	3
Idlewild	1
Jacksonville	2
Jonesboro	1
Jonesville	1
Kannapolis	2
Kenansville	1
Kernersville	1
Kinston	7
LaGrange	2
Lake Landing	1
Landis	1
Laurel Hill	1
Lawndale	1
Laurinburg	2
Leechville	1
Lenoir	2
Lewiston	1
Lexington	4
Lillington	3
Littleton	3
Louisburg	1
Lowell	1
Lumberton	1
Lumber Bridge	1
McAdenville	1
Macon	1
Madison	1
Maiden	1
Matthews	1
Mebane	1
Midland	1
Momeyer	1
Monroe	3
Mooresville	3
Morganton	1
Mount Airy	6
Mount Holly	1
Mount Olive	1
Mount Ulla	1
Newport	1
New Bern	2
New London	3
Newton Grove	2
Norman	1
Norwood	1
Oak City	1
Patterson	1
Penrose	1
Pikeville	2
Pine Level	1
Pinnacle	2
Pinson	1
Pleasant Garden	1
Powellsville	2
Plymouth	1
Princeton	1
Raeford	1
Raleigh	5
Randleman	1
Ransomville	1
Roanoke Rapids	2
Rockingham	2
Rocky Mount	5
Ronda	1
Rosemary	2
Roxboro	1
Roxobel	1
Salemburg	1
Salisbury	7
Sanford	2
Selma	1
Seven Springs	1
Shelby	2
Smithfield	1
South Mills	1
Southern Pines	1
Southport	1
Spencer	4
Spring Hope	1
Stanley	1
Stantonsburg	1
State Road	2
Statesville	5
Stony Point	1
Straw	1
Tarboro	3
Taylorsville	1
Teacheys	1
Teer	1
Thomasville	3
Transon	1
Trenton	1
Tryon	1
Union Ridge	1
Wadesboro	1
Walnut Cove	3
Walstonburg	1
Washington	1
Waxhaw	1
Waynesville	1
Wendell	2
West Durham	2
Whitakers	2
White Oak	1
Wilmington	10
Wilson	8
Wilsons Mills	1
Windsor	5
Winston-Salem	6
Woodville	2
Yadkinville	1
Yanceyville	1

OUTSIDE PATIENTS EXAMINED FOR DIAGNOSIS AND CONSULTATION AT SANATORIUM

July	113	January	50
August	106	February	36
September	85	March	73
October	64	April	78
November	53	May	116
December	40	June	91

Classification:

Ex-patients	210
Positive diagnosis	255
Negative diagnosis	440
	905

SUMMARY MEDICAL REPORT JULY 1, 1923, TO JUNE 30, 1924

Patients admitted:		
Minimal	90	
Moderately advanced	121	
Acute	1	
Far advanced	166	
Not classified	19	
Not tuberculous	18	
Total	415	
Patients discharged:		
Arrested	1	
Apparently arrested	31	
Quiescent	123	
Improved	113	
Unimproved	64	
Died	17	
Not classified	7	
Not tuberculous	34	
Total	390	
Hospital days		61,555

REPORT OF X-RAY LABORATORY

Stereoroentgenograms of chest (Sanatorium patients)	436
Stereoroentgenograms of chest (outside patients)	195
Flat plates of other parts of body	9
Total	640
X-ray therapy	50

LABORATORY REPORT

(Micros.)	2,283
(Chem.)	991
Total	3,274

Urinalyses:	
(Micros.)	1,124
(Chem.)	1,368
Total	2,492
Blood:	
R. B. C.	486
W. B. C.	549
Differential R. B. C.	543
Differential W. B. C.	543
Hemoglobin	499
Color Index	483
Malaria	588
Wassermanns	486
Urea	151
Culture (State Lab.)	3
Coagulation determination	4
Sugar	32
Widal	1
Total	4,368
Feces	858
Fractional Ewalds	168
Vaginal smears	80
Phthaleins	198
CO_2 tension	1
Basal metabolism determinations	54
Additional air analyses	38
Pus from gland in neck	1
Spinal fluid	14
Pleural fluid	26
Milk culture	1
Scales from skin eruption	5
Pus from skin infection	1
Pus from boil	1
Pus smears	4
Total	1,450
Total examination and tests	11,584

PRESENT CONDITION OF ALL MINIMAL PATIENTS DISCHARGED FROM THE SANATORIUM PREVIOUS TO DECEMBER 31, 1923

Condition on Discharge	Condition June 30, 1924	Year Discharge										
		1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	Total
Arrested 60	Living and working	0	5	6	11	4	5	14	1	4	2	52
	Living and not working	0	0	0	1	0	0	3	0	0	0	4
	Dead	0	0	0	0	0	0	0	0	0	0	0
	Lost	0	0	0	2	0	1	1	0	0	0	4
Apparently Arrested 262	Living and working	1	6	29	33	33	15	21	20	28	28	214
	Living and not working	2	1	1	1	3	2	2	2	7	3	24
	Dead	0	1	3	2	1	5	2	0	0	0	14
	Lost	0	1	0	1	0	2	3	2	1	0	10
Quiescent 198	Living and working	4	4	10	11	12	15	19	23	35	26	159
	Living and not working	0	0	1	0	0	2	3	0	4	5	15
	Dead	1	6	3	1	0	1	1	0	0	0	13
	Lost	0	0	1	1	1	0	4	3	1	0	11
Improved 119	Living and working	0	5	14	11	11	5	9	11	12	8	86
	Living and not working	1	0	2	0	0	2	4	1	2	5	17
	Dead	0	1	0	1	2	2	0	1	1	0	8
	Lost	0	0	1	2	0	3	1	0	0	1	8
Unimproved 5	Living and working	0	0	0	1	1	0	0	0	1	0	3
	Living and not working	0	0	0	0	0	0	0	0	0	0	0
	Dead	0	0	0	1	0	0	0	0	0	0	1
	Lost	0	0	1	0	0	0	0	0	0	0	1
Total 644	Living and working 80%	5	20	59	67	61	40	63	55	80	64	514
	Living and not working 9%	3	1	4	2	3	6	12	3	13	13	60
	Dead 6%	1	8	6	5	3	8	3	1	1	0	36
	Lost 5%	0	1	3	6	1	6	9	5	2	1	34

PRESENT CONDITION OF ALL MODERATELY ADVANCED PATIENTS DISCHARGED FROM THE SANATORIUM PREVIOUS TO DECEMBER 31, 1923

Condition on Discharge	Condition June 30, 1924	Year Discharged										
		1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	Total
Arrested 15	Living and working	0	4	7	1	1	1	0	0	0	0	14
	Living and not working	0	0	0	0	0	0	1	0	0	0	1
	Dead	0	0	0	0	0	0	0	0	0	0	0
	Lost	0	0	0	0	0	0	0	0	0	0	0
Apparently Arrested 67	Living and working	4	2	3	6	14	5	5	7	5	3	54
	Living and not working	0	0	0	0	0	0	0	2	0	2	4
	Dead	1	1	2	1	1	0	0	1	0	0	7
	Lost	0	0	1	1	0	0	0	0	0	0	2
Quiescent 491	Living and working	4	12	18	34	28	37	17	24	38	41	253
	Living and not working	1	2	5	5	6	6	14	10	10	19	78
	Dead	15	22	40	25	19	16	3	8	4	1	153
	Lost	0	0	1	0	1	1	3	0	1	0	7
Improved 307	Living and working	3	6	8	15	7	3	14	14	17	10	97
	Living and not working	0	0	2	3	6	2	8	6	6	19	52
	Dead	20	19	22	29	21	12	12	10	5	0	150
	Lost	2	1	0	0	1	1	2	1	0	0	8
Unimproved 71	Living and working	0	0	1	0	1	1	2	0	0	0	5
	Living and not working	0	0	0	0	0	0	3	1	0	3	7
	Dead	1	5	5	5	9	7	9	8	6	4	59
	Lost	0	0	0	0	0	0	0	0	0	0	0
Total 951	Living and working 44%	11	24	37	56	51	47	38	45	60	54	423
	Living and not working 15%	1	2	7	8	12	8	26	19	16	43	142
	Dead 39%	37	47	69	60	50	35	24	27	15	5	369
	Lost 2%	2	1	2	1	2	2	5	1	1	0	17

PRESENT CONDITION OF ALL FAR ADVANCED PATIENTS DISCHARGED FROM THE SANATORIUM PREVIOUS TO DECEMBER 31, 1923

Condition on Discharge	Condition June 30, 1924	Year Discharged										
		1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	Total
Arrested 0	Living and working	0	0	0	0	0	0	0	0	0	0	0
	Living and not working	0	0	0	0	0	0	0	0	0	0	0
	Dead	0	0	0	0	0	0	0	0	0	0	0
	Lost	0	0	0	0	0	0	0	0	0	0	0
Apparently Arrested 0	Living and working	0	0	0	0	0	0	0	0	0	0	0
	Living and not working	0	0	0	0	0	0	0	0	0	0	0
	Dead	0	0	0	0	0	0	0	0	0	0	0
	Lost	0	0	0	0	0	0	0	0	0	0	0
Quiescent 149	Living and working	0	3	3	8	6	4	4	5	11	4	48
	Living and not working	0	1	1	0	3	2	3	3	7	17	37
	Dead	3	12	10	12	7	9	1	5	1	2	62
	Lost	0	0	1	1	0	0	0	0	0	0	2
Improved 291	Living and working	0	3	3	3	3	3	3	5	10	13	46
	Living and not working	0	0	1	0	2	2	1	4	18	22	50
	Dead	21	20	19	31	19	14	19	25	17	7	192
	Lost	0	0	0	1	0	0	0	1	1	0	3
Unimproved 297	Living and working	0	0	0	1	1	0	0	2	1	0	5
	Living and not working	0	0	0	0	0	0	0	1	3	10	14
	Dead	19	16	13	16	32	26	25	48	46	37	278
	Lost	0	0	0	0	0	0	0	0	0	0	0
Total 737	Living and working 13%	0	6	6	12	10	7	7	12	22	17	99
	Living and not working 14%	0	1	2	0	5	4	4	8	28	49	101
	Dead 72%	43	48	42	59	58	49	45	78	64	46	532
	Lost 1%	0	0	1	2	0	0	0	1	1	0	5

PERSONS FROM WHOM DONATIONS WERE RECEIVED

Books and magazines:
- Briggs Hotel Cigar and News Stand, Wilson.
- Mr. J. S. Farmer, Wilson.
- Mrs. M. L. Johnson, 530 E. Jones Street, Raleigh.
- Mrs. E. L. Jones, Homestead, Pa.
- Mr. J. A. Lineberry, Secretary Roman Eagle Lodge No. 55, Aberdeen.
- Mr. L. A. Way, Woolman School, Swarthmore, Pa.

Candies, nuts, fruit, etc.:
- Miss Emma Dale, Farmville.
- Mrs. W. B. Merrill, Pinehurst.
- Miss Frances Louise Neal, Laurinburg.

Clothing:
- Mr. Thos. H. Battle, Rocky Mount.
- Mrs. Larson, Box 103, Southern Pines.
- Mrs. L. Ophelia, 140 N. Church Street, Rocky Mount.

Patients' Benefit Fund:
- Miss Janette H. Baxter, 120 W. Highland Drive, Seattle, Wash.
- Mr. Grady Burney, Aberdeen.
- Dr. W. W. Craven, Charlotte.
- Mr. Josephus Daniels, Jr., Raleigh.
- Mr. R. W. Dunn, Raleigh.
- Mr. Clyde Eubanks, Chapel Hill.
- Mr. R. A. Eubanks, Chapel Hill.
- Mrs. B. H. Griffin, Raleigh.
- Mr. Jas. R. McClamroch, Greensboro.
- Mr. A. W. McLean, Lumberton.
- Miss Floy L. Martin, Aberdeen.
- Mr. G. M. Neal, Charlotte.
- Miss Mary Page, Aberdeen.
- Mr. T. A. Person, Greenville.
- Mr. C. S. Wallace, Morehead City.
- Dr. J. B. Watson, Raleigh.

Potted plants and flowers:
- Philathea Sunday school class, Wadesboro M. E. Church, Wadesboro.

Sunday school literature:
- Miss Grace McKinnon, Bennettsville, S. C.

Piano—Negro Division:
- Purchase made possible by Florence C. Williams working through the Jeanes Supervisors of Colored Schools.

ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Legion, Lexington	1
American Red Cross, Sandhill Chapter, Aberdeen	1
American Red Cross, Battleboro	1
American Red Cross, Concord	2
American Red Cross, Laurinburg	1
American Red Cross, Wendell	1
Baptist Orphanage, Thomasville	1
Bennett Hall Association, Cramerton	2
Betterment Association, Lenoir	1
Board of County Commissioners, Cherokee	1
Board of County Commissioners, Halifax	1
Board of County Commissioners, Hertford	1
Board of County Commissioners, Mecklenburg	4
Board of County Commissioners, New Hanover	1
Board of County Commissioners, Stanly	6
Brotherhood of Railroad Men, Cleveland, Ohio	2
Carolina Telephone Company, Tarboro	1
Charity Organization Society, Goldsboro	4
Erlanger Cotton Mills, Erlanger	1
Golden Belt Manufacturing Company, Durham	1
Hackney Brothers, Wilson	1
Health Department, Charlotte	1
Howard Memorial Presbyterian Church, Tarboro	1
Junior Order, Tiffin, Ohio	1
Kiwanis Club, Gastonia	1
Lawrence S. Holt & Sons, Burlington	1
Lola Manufacturing Company, Stanly County	1
Methodist Orphanage, Raleigh	1
N. C. Federation of Women's Clubs, McBrayer Memorial Bed Fund	6
Presbyterian Orphan's Home, Barium Springs	1
Public Welfare, Boone	1
Public Welfare, Clinton	1
Public Welfare, Durham	2
Public Welfare, Henderson	1
Public Welfare, High Point	1
Public Welfare, Kinston	1
Public Welfare, Lillington	3
Public Welfare, Marion	1
Public Welfare, Nashville	1
Public Welfare, Smithfield	2
Roanoke Mills Co., Roanoke Rapids	1
Rotary Club and Popular Fund, Salisbury	1
Scottish Rite Masons, Charlotte	1
Shelby Cotton Mills, Shelby	1
Tallassee Power Company, Badin	1
Tarboro Knitting Company, Tarboro	1
Thomasville Chair Company, Thomasville	1
Tuberculosis Association, Belmont	1
Tuberculosis Association, Burlington	1
Tuberculosis Association, Cabarrus County	4
Tuberculosis Association, Davidson	1
Tuberculosis Association, Goldsboro	2
Tuberculosis Association, Raleigh	4
Tuberculosis Association, Salisbury	1
Tuberculosis Association, Statesville	1
United Daughters of the Confederacy, Free Bed Fund	4
Young Men's Christian Association, Kannapolis	1

COLORED DIVISION

MEDICAL REPORT

1924

STATISTICAL

Number of patients to be reported on	53
Number not classified	2
Number not tuberculous	5
Number of patients in Sanatorium July 1, 1924	27
Total number of patients treated during the twelve months	87

COLORED DIVISION

9 PATIENTS WHO STAYED LESS THAN 30 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	0	A						
		B						
		C						
Moderately Advanced	3	A						
		B 3				2	1	
		C						
Far Advanced	5	A						
		B 1				1		
		C 4					2	2
Acute Tuberculosis	1	1					1	
Total	9							

Total number of days, 123. Average stay, 13.6. Longest stay, 23. Shortest stay, 4.

Number gained weight, 2.		Number lost weight, 2.	
Average gain	5 lbs.	Average loss	1 lb.
Largest gain	7 lbs.	Largest loss	1.5 lbs.
Smallest gain	3 lbs.	Smallest loss	.5 lbs.
Stationary	1	Not weighed	4

22 PATIENTS WHO STAYED 30 TO 89 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	2	A		1	1			
		B						
		C						
Moderately Advanced	5	A						
		B 5			1	3	1	
		C						
Far Advanced	15	A						
		B 3			1	2		
		C 12				3	6	3
Acute Tuberculosis	0							
Total	22							

Total number of days, 1,272. Average stay, 57.8. Longest stay, 89. Shortest stay, 31.

Number gained weight, 10.		Number lost weight, 12.	
Average gain	9.2 lbs.	Average loss	7 lbs.
Largest gain	17 lbs.	Largest loss	16.25 lbs.
Smallest gain	2.5 lbs.	Smallest loss	1.75 lbs.
Stationary	0	Not weighed	0

COLORED DIVISION

22 PATIENTS WHO STAYED 90 DAYS OR MORE

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 1	A							
	B	1			1			
	C							
Moderately Advanced 6	A	1				1		
	B	4			3		1	
	C	1				1		
Far Advanced 15	A							
	B	5			2	3		
	C	10				3	5	2
Acute Tuberculosis 0								
Total 22								

Total number of days, 3,315. Average stay, 150.7. Longest stay, 258. Shortest stay, 91.

Number gained weight, 15.		Number lost weight, 7.	
Average gain	18 lbs.	Average loss	7.1 lbs.
Largest gain	37.5 lbs.	Largest loss	11.5 lbs.
Smallest gain	4.5 lbs.	Smallest loss	3.75 lbs.
Stationary	0	Not weighed	0

HISTORY OF HEMORRHAGE

Negative		37
Positive	Previous only	13
	Previous and during residence	1
	During residence only	2

RESULTS OF SPUTUM EXAMINATIONS

Negative or no sputum		17
Positive	On admission	26
	During residence	17
	On discharge	9

SEX, AGE, AND CIVIL CONDITION

Sex	Age: 8–19	20–29	30–39	40–49	50–59	60–70	Civil Condition: Single	Married	Widowed
Male 31	9	26	10	5	3	0	21	29	
Female 22									3
Total 53									

COMPLICATIONS

Anal fistula	2	Ischiorectal abscess	2
Aortitis	1	Laryngitis	4
Arteriosclerosis	1	Lues	8
Caseous bronchopneumonia	2	Malaria	2
Caseous pneumonia	2	Neisserian infection	1
Diabetes	1	Nephritis	2
Eczema	1	Osteitis	1
Empyema	1	Pleurisy with effusion	2
Endocervicitis	1	Pleuro-bronchial fistula	1
Enteritis	5	Pyorrhea	1

OCCUPATIONS

Brick mason	1	Mechanic	1
Butcher	1	Merchant	1
Carpenter	2	Messenger	1
Chauffeur	2	Plasterer	1
Cook	1	Porter	1
Drayman	1	Sawmill worker	2
Farmer	14	Student	2
Fireman	1	Tailor	1
Housework	12	Teacher	3
Laborer	4	Tobacco factory worker	1

COUNTIES FROM WHICH THE 53 PATIENTS CAME

Beaufort	1	Guilford	1
Bertie	1	Halifax	3
Buncombe	1	Hoke	2
Caldwell	1	Iredell	2
Camden	1	Lenoir	1
Caswell	1	Mecklenburg	2
Craven	1	Moore	1
Cumberland	1	Nash	1
Currituck	1	Northampton	1
Davie	1	Robeson	3
Durham	1	Rowan	2
Edgecombe	3	Rutherford	1
Forsyth	1	Sampson	1
Franklin	1	Scotland	2
Gaston	1	Wake	6
Granville	2	Wayne	3
Greene	1	Wilson	1

TOWNS FROM WHICH THE 53 PATIENTS CAME

Aberdeen	1	Pantego	1
Asheville	1	Raeford	2
Aulander	1	Raleigh	3
Battleboro	1	Red Springs	2
Bunn	1	Rich Square	1
Charlotte	1	Rosemary	1
Cleveland	1	Rutherfordton	1
Clinton	1	Shannon	1
Durham	1	Shiloh	1
Garner	2	Snow Hill	1
Goldsboro	3	Southern Pines	1
Greensboro	1	Spencer	1
Huntersville	1	Stantonsburg	1
Kinston	1	Statesville	1
Lenoir	1	Tabor	1
Lowell	1	Tarboro	3
Method	1	Tillery	1
Mooresville	1	Wagram	1
Mocksville	1	Weldon	1
Moyock	1	Winston-Salem	1
New Bern	1	Yanceyville	1
Oxford	2		

SUMMARY OF YEAR'S WORK

OCTOBER 5, 1923, TO JUNE 30, 1924

Report of J. W. Walker, M.D.

Addresses	40
Number in audiences	20,000

SUMMARY MEDICAL REPORT

Patients Admitted:		
Minimal	9	
Moderately advanced	23	
Far advanced	44	
Not classified	3	
Not tuberculous	7	
Acute tuberculosis	1	
Total	87	
Patients Discharged:		
Arrested	0	
Apparently arrested	0	
Quiescent	9	
Improved	19	
Unimproved	17	
Died	8	
Not classified	2	
Not tuberculous	5	
Total	60	
Hospital days		6,997

REPORT OF X-RAY LABORATORY

Stereoroentgenograms of chest (Sanatorium patients)	88
Flat plates of other parts of body	3
Total	91
X-ray therapy	11

LABORATORY REPORT

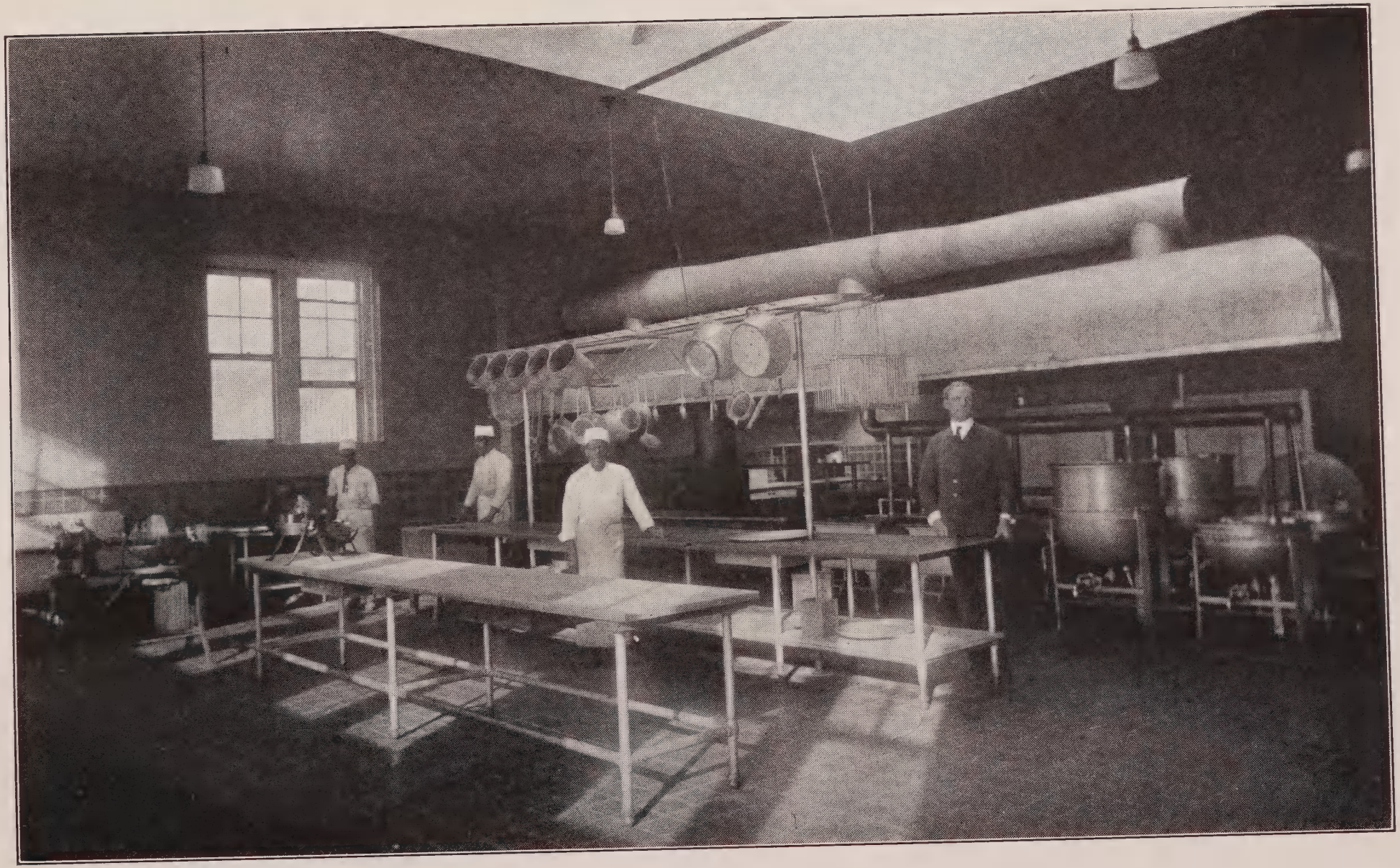
Sputanalyses:	
Micros.	303
Chem.	142
Total	445
Urinalyses:	
Micros.	186
Chem.	185
Total	371

Blood:	
W. B. C.	77
R. B. C.	74
Differential W. B. C.	77
Differential R. B. C.	77
Hemoglobin	74
Color Index	74
Malaria	77
Wassermanns	102
Urea	5
Culture (State Lab.)	3
Sugar	1
Total	641
Feces	121
Fractional Ewalds	1
Vaginal smears	9
Phthaleins	3
Basal metabolic determinations	2
Pleural fluid	13
Pus smears	5
Pus from boil	4
Pericardial effusion	1
Total	159
Total examinations and tests	1,616

Main Building, White Unit

Ward, White Unit

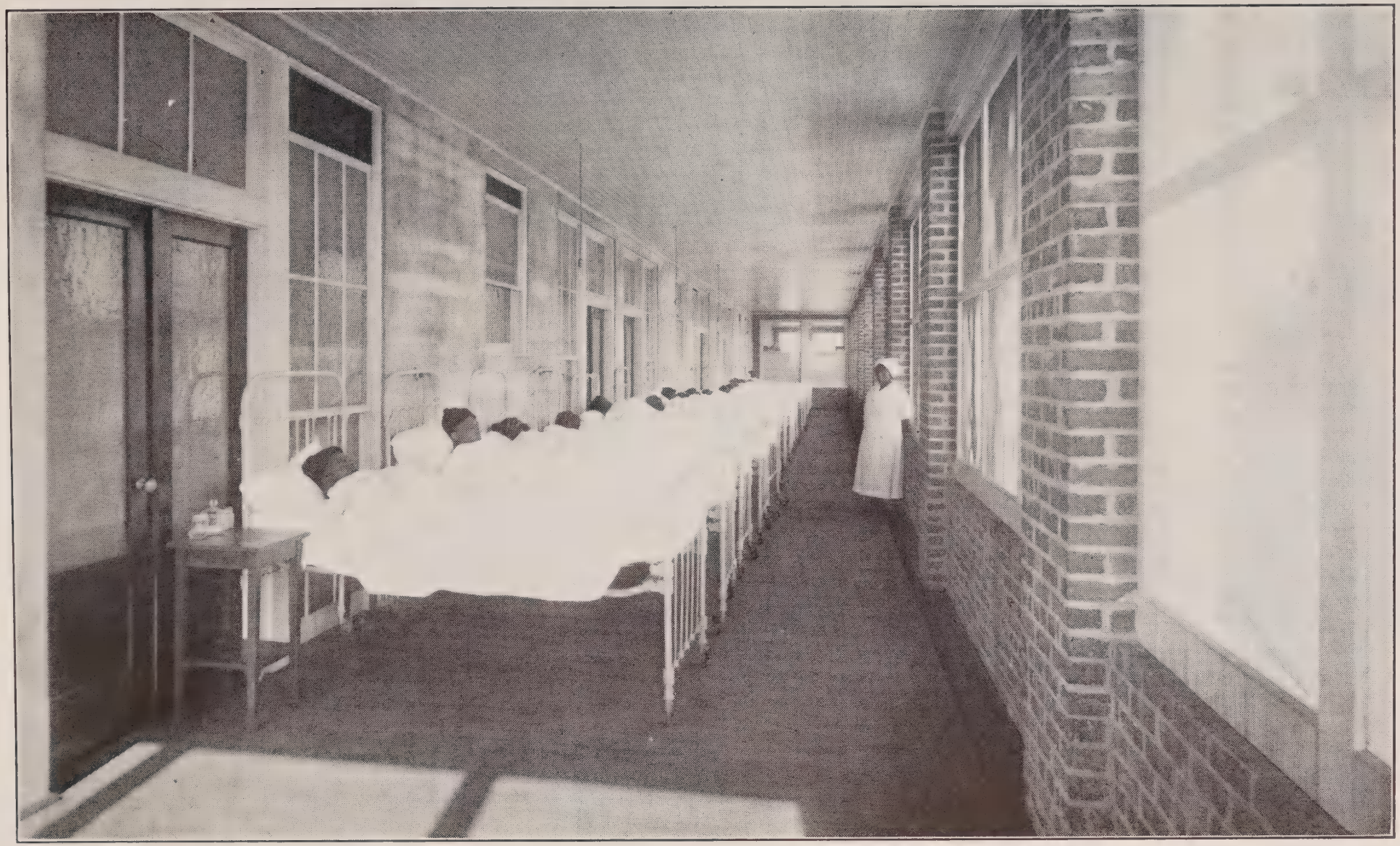
Dining Room, White Unit



Kitchen, White Unit

Main Building, Colored Unit

Foyer, Colored Unit



Ward, Colored Unit

REPORT OF AUDITOR

CONTENTS

Exhibit A. Balance Sheet.

Exhibit B. Revenue Account.

Exhibit C. Receipts and Disbursements.

Schedule 1. Reconcilement of Bank Accounts,

(a) (Page Trust Co., Raeford, N. C.)

(b) (Page Trust Co., Aberdeen, N. C.)

Schedule 2. Inventories—Supplies.

Schedule 3. Fixed Assets.

Schedule 4. Recapitulation of Milk Production.

Schedule 5. Monthly Salaries.

EXHIBIT A

BALANCE SHEET

FISCAL YEAR ENDED JUNE 30, 1924

ASSETS

Current Assets:			
Cash:			
In safe (Schedule 1)	$ 4,662.08		
Page Trust Co., Raeford, N. C., (Schedule 1)	13,005.81		
		$ 17,667.89	
Due from State Treasurer		75,102.77	
Inventories:			
Supplies (Schedule 2)		32,941.67	
Total current assets			$ 125,712.33
Fixed Assets:			
Land (Schedule 3)		$ 109,498.39	
Buildings (Schedule 3)		752,664.55	
Furniture and equipment (Schedule 3)		116,106.63	
Total fixed assets			978,269.57
Total assets			$ 1,103,981.90

LIABILITIES

Current Liabilities:			
Cash:			
Page Trust Co., overdrawn, (Schedule 1)			$ 18,471.97
Present Worth:			
Balance July 1, 1923		$ 772,752.11	
Add:			
Accounts payable, set up June 30, 1923		18,275.26	
		$ 791,027.37	
Excess of all income over operating expenditure, Exhibit B		294,482.56	
			1,085,509.93
Total			$ 1,103,981.90

EXHIBIT B

REVENUE ACCOUNT

FISCAL YEAR ENDED JUNE 30, 1924

INCOME

State Appropriations:			
Permanent improvements		$ 243,102.77	
Extension		20,000.00	
Maintenance		135,000.00	
Total state appropriation			$ 398,102.77
Sanatorium Income:			
Board and treatment	$ 105,878.81		
Less:			
Refunds to patients	3,441.16		
		$ 102,437.65	

REVENUE ACCOUNT—*Continued*

INCOME—*Continued*

Chest examination	$ 705.65	
X-Ray income	2,772.20	
Sale of drugs and medicines	233.94	
Sale of hospital supplies	1,752.22	
Farm produce sold and consumed	4,952.61	
Dairy produce sold and consumed	17,910.51	
Hog produce sold and consumed	1,405.30	
Provisions sold and transferred	2,298.55	
Laundry receipts	1,640.92	
Rent—postoffice	112.50	
Sale of stamps	35.53	
Sale of old boiler	500.00	
Telephone and telegraph tolls	311.29	
Transportation and drayage receipts	307.65	
		$ 137,374.52
Total income		$ 535,477.29

EXPENDITURE

Salaries and Wages:		
Executive department	$ 3,702.81	
Extension	9,935.17	
Medical	10,499.13	
Nurses and attendants	7,255.29	
Cooks and servants	16,767.74	
		$ 48,160.14
Maintenance of Properties:		
Repairs to hospital buildings	$ 1,185.25	
Repairs to farm buildings	294.76	
Care of buildings and grounds	5,064.15	
Plumbing and sewerage	809.32	
Depreciation	17,266.01	
		24,619.49
Miscellaneous:		
Directors' expense	$ 683.06	
Freight and express	827.97	
Laundry and cleaning—Contractual	6,840.08	
Laundry—Operating new plant	151.10	
Advertising	72.52	
Power, heat, light, water, etc.	23,316.13	
Telephone and telegraph	665.13	
Transportation and drayage expense	2,329.64	
Traveling expense	1,618.52	
		36,504.15
		$ 109,283.78

	Inventory July 1, 1923	Purchased for Year	Inventory June 23, 1924	
Operating Costs:				
Dairy	$ 5,985.15	$ 13,117.49	$ 4,002.75	$ 15,099.89
Farm	1,624.25	12,389.57	2,505.88	11,507.94
Hogs	5,253.00	972.50	2,346.50	3,879.00
Provisions	4,112.68	70,498.71	4,370.61	70,840.78
Hospital supplies	6,608.86	9,404.22	8,629.85	7,383.23
Drugs and medicines	2,899.50	2,695.92	2,899.50	2,695.92
Bedding and linen	6,957.89	9,526.74	10,627.05	5,857.58
X-Ray supplies	----------	1,823.42	587.80	1,235.62
Business office supplies	203.30	657.00	203.30	657.00
Extension office supplies	2,355.82	6,779.03	5,681.91	3,452.94
Laboratory supplies	----------	189.71	----------	189.71
	$ 36,600.45	$ 128,054.31	$ 41,855.15	$ 122,799.61

REVENUE ACCOUNT—*Continued*

	Inventory July 1, 1923	Purchased for Year	Inventory June 23, 1924	
Operating Costs—*Continued*				
Farm-livestock	$ 1,875.00	$ 400.00	$ 2,330.00	$ 55.00
Farm machinery and equipment	3,068.75	2,556.87	2,881.05	2,744.57
Dairy-livestock	14,735.00		10,420.00	4,315.00
Transportation and drayage, equipment and supplies	670.00	3,340.50	3,597.38	413.12
Hospital furniture and equipment	14,621.75	6,418.40	20,451.60	588.55
Dining-hall furniture and equipment	3,366.00		3,013.55	352.45
Business office equipment	376.15	115.29	530.10	38.66
Extension office equipment	4,058.32	1,607.28	5,254.74	410.86
Training school books	226.81	180.45	226.81	180.45
	$ 42,997.78	$ 14,618.79	$ 48,705.23	$ 8,911.34
Total expenditure				$ 240,994.73
Excess of all income over operating expenditure (Exhibit A)				294,482.56
Average number of patients 195.24.				
Average daily cost per patient $2.45.				
Total				$ 535,477.29

EXHIBIT C

RECEIPTS AND DISBURSEMENTS

FISCAL YEAR ENDED JUNE 30, 1924

RECEIPTS

	State Fund	Sanatorium Fund	Total
State Appropriations:			
Permanent improvement	$ 168,000.00		
Extension	20,000.00		
Maintenance	135,000.00		
Totals			$ 323,000.00
Sanatorium Receipts:			
Board and treatment:			
White		$ 95,709.01	
Colored		10,169.80	
Totals			105,878.81
Sale of Hospital Supplies:			
White		$ 1,743.52	
Colored		8.70	
Totals			1,752.22

RECEIPTS AND DISBURSEMENTS—*Continued*

RECEIPTS—*Continued*

	State Fund	Sanatorium Fund	Total
X-Ray Receipts:			
White		$ 2,517.70	
Colored		254.50	
Totals			$ 2,772.20
Examination fee		$ 703.65	703.65
Laundry Receipts:			
White		1,515.15	
Colored		125.77	
Totals			$ 1,640.92
Telephone and Telegraph Tolls:			
White		$ 310.59	
Colored		.70	
Totals			$ 311.29
Sale of farm products		$ 231.36	
Sale of provisions		1,798.55	
Transportation receipts		307.65	
Refrigeration receipts		22.50	
Miscellaneous:			
Rent, postoffice		112.50	
Rent of farm land, etc.		819.98	
Sale of old boiler		500.00	
Sale of stamps		35.53	
Sale of hogs		89.40	
Sale of drugs		233.94	
Refunds:			
Power and heat		26.00	
Salaries and wages		41.37	
Landscape		44.19	
Dairy operation		37.80	
Instruments		3.00	
Office equipment		60.00	
Travel expenses, etc.		130.46	
Sundries		35.12	
Total sanatorium receipts		$ 117,588.44	
Total receipts	$ 323,000.00	$ 117,588.44	$ 440,588.44
Balances July 1, 1923:			
Page Trust Co., Aberdeen, N. C.	410.13		410.13
Page Trust Co., Raeford, N. C. $ 1,586.80			
Cash in safe 2,662.80		4,249.60	4,249.60
	$ 323,410.13	$ 121,838.04	$ 445,248.17

RECEIPTS AND DISBURSEMENTS—*Continued*

DISBURSEMENTS

	State Fund	Sanatorium Fund	Total
Permanent Improvements:			
Land, prison sanatorium	$ 40,087.08	$	$ 40,087.08
Building prison sanatorium		11,120.42	11,120.42
Power plant and laundry	75,613.78		75,613.78
Negro sanatorium	14,638.06		14,638.06
Dining-hall and kitchen	19,939.74		19,939.74
Negro physician's residence	5,113.62		5,113.62
Telephone system	2,627.01		2,627.01
Water works plant	2,378.50	18,125.88	20,504.38
Sewer system and disposal plant	22.10	839.05	861.15
Laundry equipment	19,350.00	3,885.00	23,235.00
Landscape	7,112.21	3,996.99	11,109.20
Totals	$ 186,882.10	$ 37,967.34	$ 224,849.44
Extension Fund:			
Salaries, executive	$ 9,935.17	$	$ 9,935.17
Traveling expenses	1,618.52		1,618.52
Furniture and fixtures	1,667.28		1,667.28
Books and stationery	1,176.34		1,176.24
Stamps	301.72		301.72
Gauze, cups, disinfectants, etc.	5,300.97		5,300.97
Totals	$ 20,000.00		$ 20,000.00
Maintenance—Salaries:			
Executive	$ 3,833.27	$	$ 3,833.27
Medical	10,499.13		10,499.13
Nurses and attendants	6,130.53	1,159.88	7,290.41
Cooks and servants	10,996.58	5,812.53	16,809.11
Superintendent of buildings and carpenter	3,197.43		3,197.43
Totals	$ 34,656.94	$ 6,972.41	$ 41,629.35
Supplies:			
Bedding and linen	$ 7,061.39	$ 2,465.35	$ 9,526.74
Crockery and silver	609.43	796.46	1,405.89
Drugs and medicines	1,474.89	1,221.03	2,695.92
Miscellaneous	5,100.42	4,303.80	9,404.22
Totals	$ 14,246.13	$ 8,786.64	$ 23,032.77
Provisions:			
Meats	$ 10,859.96	$ 8,245.03	$ 19,104.99
Butter	1,590.48	1,746.15	3,336.63
Eggs	3,780.74	2,379.75	6,160.49
Vegetables and fruits	2,834.79	2,813.62	5,648.41
Groceries	8,443.24	7,478.33	15,921.57
Miscellaneous		754.04	754.04
Totals	$ 27,509.21	$ 23,416.92	$ 50,926.13
Equipment:			
Furniture and fixtures	$ 3,795.91	$ 2,341.09	$ 6,137.00
Instruments	170.88	20.74	191.62
Miscellaneous	319.86	959.89	1,279.75
Totals	$ 4,286.65	$ 3,321.72	$ 7,608.37

RECEIPTS AND DISBURSEMENTS—*Continued*

DISBURSEMENTS—*Continued*

	State Fund	Sanatorium Fund	Total
Office:			
Equipment	$ 89.79	$ 25.50	$ 115.29
Stationery and books	132.35	76.03	208.38
Stamps	207.50	159.00	366.50
Miscellaneous	60.37	21.75	82.12
Totals	$ 490.01	$ 282.28	$ 772.29
Power and Heat:			
Labor	$ 2,339.32	$ 184.85	$ 2,524.17
Supplies	8,408.01	5,971.36	14,379.37
Miscellaneous	742.30	103.75	846.05
Totals	$ 11,489.63	$ 6,259.96	$ 17,749.59
Light:			
Labor	$ 839.98	$	$ 839.98
Supplies	2,848.16	397.25	3,245.41
Totals	$ 3,688.14	$ 397.25	$ 4,085.39
Water:			
Labor	$ 1,148.61	$ 13.15	$ 1,161.76
Equipment	360.68		360.68
Supplies	326.06		326.06
Miscellaneous	221.31	87.50	308.81
Totals	$ 2,056.66	$ 100.65	$ 2,157.31
Refrigeration:			
Labor	$ 544.50	$ 86.91	$ 631.41
Equipment	183.00		183.00
Supplies	131.85	109.91	241.76
Totals	$ 859.35	$ 196.82	$ 1,056.17
Plumbing and Sewers:			
Labor	$ 650.82	$ .45	$ 651.27
Equipment	23.60		23.60
Supplies	85.93	48.52	134.45
Repairs, main building		1,118.27	1,118.27
Totals	$ 760.35	$ 1,167.24	$ 1,927.59
Farms:			
Repairs to buildings	$ 60.20	$ 193.31	$ 253.51
Livestock	400.00		400.00
Machinery and tools	1,618.74	938.13	2,556.87
Seed and fertilizer	3,316.61	249.25	3,565.86
Feed	2,612.40	607.50	3,219.00
Labor	4,035.50	1,655.25	5,690.75
Miscellaneous	499.48	114.41	613.89
Totals	$ 12,542.93	$ 3,757.85	$ 16,300.78

RECEIPTS AND DISBURSEMENTS—*Continued*

DISBURSEMENTS—*Continued*

	State Fund	Sanatorium Fund	Total
Dairy:			
Fixtures	$ 70.23	$ 74.73	$ 144.96
Supplies	266.30	322.74	589.04
Feed	3,210.94	3,147.10	6,358.04
Labor	2,433.38	231.50	2,644.88
Equipment		241.67	241.67
Miscellaneous	93.65		93.65
Totals	$ 6,074.50	$ 4,017.74	$ 10,092.24
Miscellaneous:			
Labor	$ 761.28	$ 645.82	$ 1,407.10
Training school	69.85	110.60	180.45
Telephone and telegraph	359.48	305.65	665.13
Laundry, contractual	4,624.79	2,215.29	6,840.08
Transportation and drayage	1,188.26	1,141.38	2,329.64
Patients refund, board and treatment	2,571.52	869.64	3,441.16
Freight and express	409.21	418.76	827.97
Hogs	128.40	32.65	161.05
Landscape	447.31		447.31
X-Ray	1,156.09	667.33	1,823.42
Laboratory	189.11	.60	189.71
Director's expense	683.06		683.06
Labor, laundry	97.50		97.50
Repairs, sundry	66.98		66.98
Supplies, sundry	308.81		308.81
Advertising		72.52	72.52
Machine shop tools	536.03		536.03
Ford truck purchased	448.38	125.00	573.38
Ford touring car purchased	489.50		489.50
Dodge sedan purchased	1,276.03		1,276.03
Reo truck	527.91	920.09	1,448.00
Totals	$ 16,339.50	$ 7,525.33	$ 23,864.83
Total disbursements	$ 341,882.10	$ 104,170.15	$ 446,052.25
Balances June 30, 1924:			
Cash in safe		4,662.08	4,662.08
Page Trust Co., Raeford, N. C.		13,005.81	13,005.81
Page Trust Co., Aberdeen, N. C., overdrawn	*18,471.97		*18,471.97
	$ 323,410.13	$ 121,838.04	$ 445,248.17

SCHEDULE 1-A

RECONCILEMENT OF CASH AND BANK ACCOUNTS

FISCAL YEAR ENDED JUNE 30, 1924

Balance in safe July, 1. 1923		$ 2,662.80
Receipts: July 1, 1923 to June 30, 1924:		
White division	$ 106,993.85	
Colored division	10,594.59	
		117,588.44
		$ 120,251.24
Deposits to Page Trust Co., Raeford, N. C., July 1, 1923 to June 30, 1924		115,589.16
Balance in safe June 30, 1924		$ 4,662.08

RECONCILEMENT OF CASH AND BANK ACCOUNTS—*Continued*

Bank balance July 1, 1923, Page Trust Co., Raeford, N. C.	$ 1,586.80		
Deposits from July 1, 1923 to June 30, 1924	115,589.16		
		$ 117,175.96	
Vouchers issued from July 1, 1923 to June 30, 1924		104,170.15	
Balance June 30, 1924			$ 13,005.81
Bank balance June 30, 1924, Page Trust Co., Raeford, N. C. (as per statement)		$ 34,015.33	
Less outstanding checks prior to July 1, 1923:			
Number 2319	$ 7.60		
179	3.53		
692	2.77		
306	7.45		
1145	5.35		
June, 1924 1164	500.00		
1165	141.81		
1166	76.00		
1167	827.57		
1168	3,673.75		
1169	3,000.00		
1170	599.56		
1171	35.00		
1172	500.00		
1173	320.41		
1174	1.13		
1175	143.17		
1176	10.35		
1177	43.75		
1178	21.90		
1179	35.00		
1180	377.23		
1181	311.49		
1182	219.76		
1183	19.00		
1184	1.70		
1185	57.02		
1186	289.75		
1187	261.33		
1188	5.15		
1189	75.16		
1190	20.00		
1191	5.98		
1192	143.81		
1193	193.18		
1194	920.09		
1195	118.89		
1196	7.84		
1197	747.47		
1198	4,503.75		
1199	30.78		
1200	205.26		
1201	340.52		
1202	405.86		
1203	595.45		
1204	68.27		
1205	10.50		
1206	1,118.18		
		21,009.52	
True balance		$ 13,005.81	$ 13,005.81

RECONCILEMENT OF BANK ACCOUNT

FISCAL YEAR ENDED JUNE 30, 1924

Bank balance July 1, 1923, Page Trust Co., Aberdeen, N. C.		$ 410.13	
Receipts July 1, 1923 to June 30, 1924:			
Maintenance	$ 135,000.00		
Extension	20,000.00		
Permanent improvements	168,000.00		
		323,000.00	
		$ 323,410.13	
Vouchers issued from July 1, 1923 to June 30, 1924		341,882.10	
Balance overdrawn, June 30, 1924			$ 18,471.97
Bank balance June 30, 1924, Page Trust Co., Aberdeen, N. C. (as per statement)		$ 10,801.04	
Less Checks Outstanding:			
Number 1823	$ 66.25		
1891	230.00		
2250	4.75		
2402	3.02		
2404	19.60		
2539	17.50		
2619	92.84		
2635	1.75		
2658	8.25		
2671	25.49		
2681	46.15		
2690	8.80		
2693	28.50		
2694	5.00		
2708	84.79		
2709	19.74		
2710	22.50		
2711	2,568.75		
2713	12.21		
2718	5.87		
2723	39.43		
2726	91.20		
2727	143.32		
2729	37.50		
2730	10.00		
2731	54.68		
2732	103.82		
2733	35.28		
2734	442.22		
2735	250.00		
2736	250.00		
2737	100.00		
2738	60.00		
2739	80.00		
2740	60.00		
2741	75.00		
2742	350.00		
2743	225.00		
2744	175.00		
2745	150.00		
2746	166.66		
2747	100.00		
2748	125.00		
2749	60.00		

RECONCILEMENT OF BANK ACCOUNT—*Continued*

Checks Outstanding—*Continued*

Number	2750	$ 60.00
	2751	40.00
	2752	25.00
	2753	50.00
	2754	50.00
	2755	150.00
	2756	125.00
	2757	240.00
	2758	200.00
	2759	225.00
	2760	400.00
	2761	25.00
	2762	100.00
	2763	100.00
	2764	12.06
	2765	13.20
	2766	44.98
	2767	12.00
	2768	2.73
	2769	20.00
	2770	201.00
	2771	28.91
	2772	20.10
	2773	242.91
	2774	34.00
	2775	9.31
	2776	63.00
	2777	23.66
	2778	7.00
	2779	22.87
	2780	46.50
	2781	5.20
	2782	1.00
	2783	20.50
	2784	6.00
	2785	18.39
	2786	19.80
	2787	179.05
	2788	266.11
	2789	573.01
	2790	170.00
	2791	7.95
	2792	42.00
	2793	995.16
	2794	483.00
	2795	182.01
	2796	1,009.80
	2797	294.00
	2798	1,706.25
	2799	17.81
	2800	239.19
	2801	712.80
	2802	116.97
	2803	8.85
	2804	50.42
	2805	265.68
	2806	263.07
	2807	308.88
	2808	113.50
	2809	2,200.00
	2810	60.00

RECONCILEMENT OF BANK ACCOUNT—*Continued*

Checks Outstanding—*Continued*

Number	2811	$ 15.36
	2812	11.50
	2813	20.30
	2814	16.00
	2815	6.66
	2816	2.666.00
	2817	199.97
	2818	110.93
	2819	90.50
	2820	7.50
	2821	410.15
	2822	140.00
	2823	61.25
	2824	402.86
	2825	9.00
	2826	78.15
	2827	2.00
	2828	1.98
	2829	28.25
	2830	36.05
	2831	25.56
	2832	7.70
	2833	13.18
	2834	20.00
	2835	6.75
	2836	346.50
	2837	116.77
	2838	19.51
	2839	9.88
	2840	866.25
	2841	66.36
	2842	364.80
	2843	7.35
	2844	.50
	2845	8.11
	2846	5.00
	2847	30.30
	2848	570.60
	2849	266.03
	2850	71.35
	2851	231.27
	2852	457.31
	2853	29.04
	2854	49.48
	2855	8.54
	2856	42.00
	2857	127.75
	2858	24.94
	2859	32.00
	2860	7.56
	2861	270.51
	2862	42.51
	2863	10.12
	2864	21.60
	2865	182.15
	2866	19.60
	2867	11.00
	2868	12.10
	2869	14.00
	2870	15.62
	2871	74.39

RECONCILEMENT OF BANK ACCOUNT—*Continued*

Checks Outstanding—*Continued*			
Number 2872	$ 405.56		
2873	76.33		
2874	22.50		
2875	527.91		
2876	5.85		
2877	2.50		
2878	1.25		
2879	24.21		
		$ 29,273.01	
True balance—Overdrawn		$ 18,471.97	$ 18,471.97

SCHEDULE 2

INVENTORIES—SUPPLIES
FISCAL YEAR ENDED JUNE 30, 1924

Hospital supplies	$ 8,629.85
Provisions	4,370.61
Business office supplies	203.30
Extension office supplies	5,681.91
Drugs and medicine	2,899.50
Laundry supplies	259.89
Hogs and supplies	2,524.00
Dairy supplies	4,002.75
Power, heat, light and water supplies	1,140.15
X-Ray supplies	587.80
Transportation and drayage supplies	136.03
Farm supplies	2,505.88
Total	$ 32,941.67

SCHEDULE 3

FIXED ASSETS
FISCAL YEAR ENDED JUNE 30, 1924

Land:		
Hospital grounds	$ 20,000.00	
Prison sanatorium land	40,087.08	
Farm lands	35,079.66	
Landscape	14,331.65	
Total land		$ 109,498.39
Buildings:		
Administration and infirmary	$ 248,000.00	
Negro sanatorium	100,819.78	
Prison sanatorium	11,120.42	
Dining-hall and kitchen	108,438.41	
Power plant and laundry	121,063.46	
Water works purifying plant	27,504.38	
Sewer system and disposal plant	14,861.15	
Ice plant	13,050.00	
Dairy buildings	30,426.63	
Superintendent's residence	11,800.00	
Doctor's residence	9,500.00	
Negro physician's residence	14,214.32	
Nurse's home	11,400.00	

FIXED ASSETS—*Continued*

Nurse's home annex	$ 3,197.00	
Flanagan cottage	16,000.00	
Gordon cottage	7,125.00	
Spruill cottage	4,165.00	
Sunshine cottage	3,150.00	
Farm residence	3,000.00	
Servants' cottage, colored	10,800.00	
	$ 769,635.55	
Less: Reserve for depreciation	16,971.00	
Total buildings		$ 752,664.55
Furniture and Equipment:		
Hospital furniture and fixtures	$ 20,451.60	
Kitchen fixtures	11,605.00	
Dining-room and kitchen equipment	4,127.30	
Dining-hall and kitchen furniture	3,013.55	
Business office equipment	530.10	
Extension office equipment	5,254.74	
Laboratory and medical office equipment	11,961.02	
Laundry equipment	23,235.00	
General equipment	879.03	
Transportation and drayage equipment	3,597.38	
Farm tools	523.55	
Farm machinery and equipment	2,357.50	
Telephone system	4,127.01	
Patient's library	1,135.00	
Training school library	226.81	
Bedding and linen	10,627.05	
Dairy livestock	10,420.00	
Farm livestock	2,330.00	
	$ 116,401.64	
Less reserves for depreciation	295.01	
Total furniture and equipment		116,106.63
Total fixed assets		$ 978,269.57

SCHEDULE 4

RECAPITULATION OF MILK PRODUCTION

FISCAL YEAR ENDED JUNE 30, 1924

	Number half pints
1923	
July	43,931
August	47,025
September	48,270
October	44,585
November	38,062
December	37,086
1924	
January	35,569
February	35,838
March	33,463
April	32,012
May	33,014
June	32,653
Total	461,508

461,508 half pints or 28, 844.25 gallons, at 60 cents per gallon, $17,306.55.

SCHEDULE 5

MONTHLY SALARIES

FISCAL YEAR ENDED JUNE 30, 1924

	Extension Fund	Maintenance Fund	Total
Executive:			
Dr. P. P. McCain, superintendent	$ 250.00	$ 166.66	$ 416.66
Dr. S. M. Bittinger, assistant superintendent		225.00	225.00
Dr. J. H. Williams, physician		175.00	175.00
Dr. W. B. Kinlaw, physician		150.00	150.00
Dr. D. R. Perry, physician		350.00	350.00
Dr. S. E. Lee, physician		250.00	250.00
Office:			
F. L. Eubanks, accountant		100.00	100.00
Mrs. H. O. Sink, head stenographer	100.00		100.00
Miss Idabel Callahan, stenographer	80.00		80.00
Miss Sibyl Brabble, filing clerk	60.00		60.00
Miss Mary Bulla, stenographer	75.00		75.00
D. A. Fore, clerk	75.00		75.00
Laboratory:			
Miss Maude Mann, technician		50.00	50.00
Mrs. S. M. Bittinger, chart room		25.00	25.00
J. J. Rose, X-ray		25.00	25.00
Nurses:			
Miss Elizabeth Connolly, superintendent nurses		125.00	125.00
Miss Kate Satterwhite, graduate nurse		60.00	60.00
Miss Sue Burton, graduate nurse		60.00	60.00
Miss Hooker, pupil nurse		10.00	10.00
Mrs. Whitehead, pupil nurse		10.00	10.00
Miss Vestal, pupil nurse		10.00	10.00
Miss McAdams, pupil nurse		10.00	10.00
Miss Wagner, pupil nurse		10.00	10.00
Miss Lancaster, pupil nurse		10.00	10.00
Miss Cherry, pupil nurse		10.00	10.00
Miss McGinnis, pupil nurse		10.00	10.00
Miss Smithey, pupil nurse		10.00	10.00
Miss Darden, pupil nurse		10.00	10.00
Miss Johnson, pupil nurse		10.00	10.00
Miss Spoon, pupil nurse		10.00	10.00
W. J. Reice, attendant		10.00	10.00
W. L. White, attendant		10.00	10.00
Attendants:			
E. B. Satterwhite, telephone		40.00	40.00
Mrs. Flannagan, housekeeper		40.00	40.00
Dining-room and Kitchen:			
F. D. Cliff, steward		150.00	150.00
Monroe Rowland, cook		100.00	100.00
Ohler Strickland, cook		100.00	100.00

MONTHLY SALARIES—*Continued*

	Extension Fund	Maintenance Fund	Total
Gilbert McGregor, cook		$ 60.00	$ 60.00
Nathan Patterson		35.00	35.00
Leon Gilchrist		30.00	30.00
Cliff McGregor		30.00	30.00
Clarence Hill		30.00	30.00
W. M. Holmes		37.00	37.00
Roosevelt Covington		30.00	30.00
Wm. Frison		30.00	30.00
Claude Galbreath		30.00	30.00
McKinley Patterson		35.00	35.00
Norman McGregor		30.00	30.00
Hayes Canada		25.00	25.00
Adolphus Turner		30.00	30.00
Cary Harrison		50.00	50.00
Walter Wall		45.00	45.00
Hosea Fowler		30.00	30.00
Arthur McGregor		30.00	30.00
E. V. McLeod		30.00	30.00
Thomas Drakeford		30.00	30.00
James Fowler		45.00	45.00
Clarence Fowler		30.00	30.00
Tinsie Fowler, waitress		17.50	17.50
Martha Wall		17.50	17.50
Iver Harrison		20.00	20.00
Lovinia Smith		17.50	17.50
Effie Phillips		17.50	17.50
LeRoy Sorrells		25.00	25.00
Ben Monroe		25.00	25.00
Arthur McCray		30.00	30.00
Jasper Davis		30.00	30.00
Otis McNair		30.00	30.00
Josh Person		25.00	25.00
James McNair		25.00	25.00
John Blue		30.00	30.00
John Ferguson		30.00	30.00
John Shaw		30.00	30.00
John Manly		25.00	25.00
Farm and Dairy:			
E. B. Garrett, manager		225.00	225.00
W. R. Baird and family, dairyman		150.00	150.00
Charlie Morson, laborer		50.00	50.00
Emory Fowler, laborer		50.00	50.00
Philip Walker, laborer		50.00	50.00
Pick Richardson, laborer		50.00	50.00
Lonnie Morrison, laborer		50.00	50.00
Charlie Morrison, laborer		50.00	50.00
James Harris, laborer		50.00	50.00
Will Turner, laborer		45.00	45.00
Wiley Fowler, laborer		40.00	40.00
Alex Williams, laborer		40.00	40.00
Ike McCoy, laborer		40.00	40.00
Robert Jenkins, laborer		40.00	40.00
LeRoy King, laborer		40.00	40.00
Heison Harris, laborer		30.00	30.00
Walter Morrison, laborer		30.00	30.00

MONTHLY SALARIES—*Continued*

	Extension Fund	Maintenance Fund	Total
Negro Sanatorium:			
Mrs. C. E. Broadford, R.N. head nurse		$ 80.00	$ 80.00
Beulah Wright, nurse		60.00	60.00
Lucy Taylor, nurse		60.00	60.00
Thomas Broadfoot, assistant fireman		55.00	55.00
Frank Boling, assistant fireman		40.00	40.00
John Canady, cook		40.00	40.00
Dossie Martin, cook		40.00	40.00
Fanny Boling, maid		23.00	23.00
Gurther House, maid		23.00	23.00
Richard Cunningham, orderly		30.00	30.00
John Bandy, orderly		30.00	30.00
Miscellaneous:			
Frank Mizell, superintendent, buildings, grounds		240.00	240.00
Reid Hall, carpenter		125.00	125.00
I. E. McAnulty, engineer		150.00	150.00
A. B. Freeman, assistant engineer		100.00	100.00
W. G. Young, fireman		75.00	75.00
Robert Peebles, fireman		75.00	75.00
F. H. Redmond, hauling laundry		100.00	100.00
Total salaries	$ 640.00	$ 5,824.66	$ 6,464.66

Main and Refectory Buildings

TWELFTH ANNUAL REPORT

OF THE

North Carolina Sanatorium for the Treatment of Tuberculosis

SANATORIUM, N. C.

FOR THE PERIOD

FROM JULY 1, 1924, TO JUNE 30, 1925

RALEIGH
EDWARDS & BROUGHTON PRINTING COMPANY
1925

NORTH CAROLINA SANATORIUM
FOR THE TREATMENT OF TUBERCULOSIS

PERSONNEL
BOARD OF DIRECTORS

Dr. T. W. M. Long, *Chairman*	Roanoke Rapids
Mr. U. L. Spence, *Vice Chairman*	Carthage
Mr. W. E. Harrison, *Secretary*	Rockingham
Dr. William P. Holt	Duke
Dr. J. C. Braswell	Whitakes
Mr. J. R. Jones	Sanford
Mr. Jones Oettinger	Wilson
Mr. R. K. Blair	Charlotte
Mr. A. B. Croom	Winston-Salem

Superintendent and Medical Director	P. P. McCain, M.D.
Assistant Superintendent and Resident Physician	S. M. Bittinger, M.D.
Assistant Physician	J. H. Williams, M.D.
Assistant Physician	P. A. Yoder, M.D.
Superintendent of Nurses	Miss Elizabeth Connelly, R.N.
Assistant Superintendent of Nurses	Miss Kate Satterwhite
Laboratory Technician	J. F. Simpson
Cashier and Purchasing Officer	F. L. Eubanks
Steward	F. D. Cliff
Farm Superintendent	E. B. Garrett
Superintendent of Nurses, Colored Division	Mrs. Carrie Broadfoot

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EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM FOR THE TREATMENT OF TUBERCULOSIS

Director	P. P. McCain, M.D.
Clinic Physician	D. R. Perry, M.D.
Clinic Physician	S. E. Lee, M.D.
Traveling Health Worker Among Colored People	Mrs. Florence C. Williams

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CONSULTING STAFF

Surgery	Dr. Geo. W. Pressly	Charlotte
	Dr. J. F. Highsmith	Fayetteville
Eye, Ear, Nose and Troat	Dr. Jas. M. Lilly	Fayetteville
	Dr. Wm. S. Jordan	Fayetteville
	Dr. Wm. P. McKay	Fayetteville
Genito-urinary	Dr. A. J. Crowell	Charlotte
	Dr. J. D. Highsmith	Fayetteville
Pathology	Dr. Jas. B. Bullitt	Chapel Hill
Pharmacology	Dr. Wm. de B. MacNider	Chapel Hill

LETTER OF TRANSMITTAL

To His Excellency, Governor A. W. McLean, *Raleigh, N. C.*

Sir: I have the honor to transmit herewith the report of the Superintendent of the operations of the North Carolina State Sanatorium for the Treatment of Tuberculosis for the fiscal year ending June 30, 1925. The report of the Superintendent is accepted as the report of the Board of Directors.

Respectfully submitted,

T. W. M. Long,
Chairman Board of Directors.

Dining Room, White Unit

TWELFTH ANNUAL REPORT

OF

THE NORTH CAROLINA SANATORIUM FOR THE TREATMENT OF TUBERCULOSIS

Dr. T. W. M. Long, *Chairman Board of Directors of the North Carolina Sanatorium, Roanoke Rapids, N. C.*

Dear Dr. Long: The Twelfth Annual Report of the North Carolina Sanatorium for the Treatment of Tuberculosis is herewith submitted for your consideration.

You will notice from the tables in the body of the report that we have treated during the year in the three divisions of the Sanatorium 742 patients or an average of 206.2 patients per day. Our white division is still so crowded with applicants that our waiting list, even after we reject all those whose condition seems to be too advanced to be materially benefited by sanatorium treatment, is about equal to our entire bed capacity, necessitating an average wait of three months after one files his application before he can be admitted. We are greatly in hopes that the means will be provided by the next General Assembly to enlarge our institution so that we will be enabled to meet more adequately the urgent demands being made upon it.

That a sanatorium is a paying investment aside from its humanitarian aspects can be easily seen from the tables in the body of the report showing the after-results of treatment of the 2,618 patients discharged from the Sanatorium after a stay of one month or longer during the eleven years previous to January 1, 1925. You will note that 93 per cent of the incipient cases and 60 per cent of the moderately advanced cases are living, and that 82 and 43 per cent, respectively, are working. Such results speak volumes for a disease which, previous to modern sanatorium treatment, was generally considered hopeless. Furthermore during the past fifteen years, the period during which the State has been trying with some degree of earnestness to wage war against the great white plague, the death rate from this disease has been reduced more than one-half; which means the saving of 2,500 lives each year and many times this number of our useful citizens from being infected with this dread disease.

We also take pride in calling your attention to the fact that we have lost track of only fifteen of our more than 2,600 discharged patients. This is the most complete record of after-results of any other sanatorium.

The appropriation of the 1925 General Assembly of $137,000 is being used for two much-needed buildings—a nurses' home and a children's building. The latter will have special facilities for heliotherapy and an open air school and will be the only building in the State where children can get treatment for tuberculosis apart from adults.

The completion of our water plant last September, giving us as it does an adequate supply of water, was the most important addition to our institution last year. Previously we only had enough water for our bare necessities during the day and none at all at night. We would have been helpless had a fire broken out in our institution and it was only a kind Providence which saved us. Since the completion of our water plant we have extended our 6-inch water mains and placed additional hydrants and fire hose so that all the hospital buildings, the main dwellings and the dairy barn are protected in accordance with the recommendations of the Underwriters Association, save that we have not installed an automatic sprinkling system in our infirmary.

After a considerable delay the unit for tuberculosis prisoners was completed during the spring. The prisoners were received on April 18th and we have not at any time had more than fifteen. We were greatly in hopes that we would be allowed to use this building for some of the many white patients on our waiting list, but were disappointed. We feel that it is a great mistake for prisoners to be kept here and we are hoping very strongly that arrangements will be made by the next General Assembly for them to be returned to the State Prison.

The addition of parkway lights, the putting in of curb and gutters, and the grading of all the roads around the main buildings are some of the other improvements which we have made during the year and which add very much to the comfort of Sanatorium life.

In spite of the extremely dry weather the combined operations of the farm, dairy, piggery and orchard show a profit of $2,500. We have sufficient ensilage to last us twelve months and we produced a large part of the oats and hay which we have needed for the cattle and stock and a good portion of the vegetables needed for the Sanatorium. All of the road building and grading around the Sanatorium grounds mentioned above was done by our farm hands and teams. Some fifty acres of land have been cleared and forty-five additional acres cleared of stumps. The fencing in of four hundred acres of bottom and woods land for a pasture was also done by our farm hands and this has reduced considerably the cost of feeding our herd.

Our eight-acre peach orchard produced 2,500 bushels of as fine peaches as were ever grown in this famous peach growing section of North Carolina. In addition to supplying the Sanatorium with all that could be used for eating and preserving and pickling, we sold $3,176.90 worth.

The success of our training school for nurses at our white division has been so gratifying that we are also opening on October 1st a training school for colored nurses at our colored division.

Our laundry was opened for work the first day of the fiscal year. It has been a source of great satisfaction to us and also a source of considerable saving both to the Sanatorium and to the patients.

The Extension Department of the Sanatorium has been quite active in broadcasting through every possible channel information on all phases of tuberculosis. The diagnostic clinics held by our two traveling clinicians and also our clinic for outside patients here at the Sanatorium furnish free consultation service to the physicians of the State and they are more widely patronized than ever before.

A negro health worker has been employed jointly by the Extension Department of the Sanatorium and by the North Carolina Tuberculosis Association to carry information on tuberculosis to the negroes of the State. Through her we can reach thousands of negroes who never read a newspaper and whom we have no other way of reaching. The need of getting this information across can be appreciated more fully when we realize that the death rate from tuberculosis among the negroes of the State is nearly three times that of the white death rate.

One of the best evidences of the growing interest in tuberculosis throughout the State is the interest being manifested in establishing county sanatoria. Several counties are planning to build institutions of their own and a number of others are contemplating building a sanatorium in conjunction with one or more other counties.

We feel that the care of the tuberculous who are not able to go to private institutions should be shared jointly between the State and counties—the State to care for the curable cases and the counties for the more advanced.

The many friends of the institution have been generous in providing entertainments, music, books, flowers, fruit, etc., and in some cases money to assist in the care of patients. We are glad to announce that Mr. John F. McNair and his son, Mr. James L. McNair, have given $500 to purchase a moving picture machine in memory of their grandson and nephew, Mr. John McNair Pate, who had been cured at the institution and whose recent death was the result of an accident. We are very anxious to secure a good radio set with head phones for all of our patients confined to bed, so that those who wish may listen in without disturbing those who wish to sleep. This will furnish entertainment to the ones of our patients who really need it most.

I appreciate most deeply the hearty coöperation of our able medical staff and of all my coworkers in the other departments of the institution.

In closing I wish to express to you and to each member of the board my appreciation of your splendid support and coöperation.

Most respectfully yours,

P. P. McCAIN,
Superintendent.

SUMMARY OF YEAR'S WORK

July 1, 1924—June 30, 1925

EXTENSION DEPARTMENT

Letters and postals received		18,367
Individual letters written		12,314
Multigraph and mimeograph forms prepared		145
Number of copies multigraphed and mimeographed forms		72,296
Multigraphed and mimeographed letters mailed		15,980
Articles written (approximate number of words):		
Press	12,250	
Official pamphlet	11,100	
Other publications	10,350	
		33,700
Articles copied (approximate number of words)		199,160
Blank cards mailed for reporting cases of tuberculosis		4,070
Number of cases reported:		
White	1,440	
Colored	915	2,355
Literature sent to reported cases		4,439
Other literature sent		33,475
Sputum cups distributed		162,300
Tuberculin sent physicians for von Pirquet test		199
Patients' histories written		537
Approximate number of words in patients' histories		805,500
Envelopes addressed		31,172
Enclosures sent out		15,985

Report of P. P. McCain, M.D.

Days out of office	46
Addresses delivered	16
Number in audiences	2,460

REPORT OF COUNTY TUBERCULOSIS CLINIC

D. R. Perry, M.D., *Clinic Physician*

Number of addresses delivered		7
Total audiences		280
Number of positive cases	491	
Number of probable cases	326	
Number of doubtful cases	240	
Number of negative cases	1,060	
Number of white examinations	1,861	
Number of colored examinations	256	
Total number of examinations		2,117

S. E. Lee, M.D., *Clinic Physician*

Number of addresses delivered		4
Total audiences		160
Number of positive cases	371	
Number of probable cases	243	
Number of doubtful cases	124	
Number of negative cases	767	
Number of white examinations	1,294	
Number of colored examinations	211	
Total number of examinations		1,505

REPORT OF

Florence C. Williams

Traveling Health Worker Among the Colored People

(Began work June 11, 1925)

Number reached through talks on health and sanitation	434

WHITE DIVISION

MEDICAL REPORT

1925

STATISTICAL

Number of patients to be reported on	347
Number not classified	4
Number not tuberculous (died)	1
Number not tuberculous (discharged)	85
Number of patients in Sanatorium July 1st, 1925	175
Total number of patients treated during the twelve months	612

37 PATIENTS WHO STAYED LESS THAN 30 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 12	A	12			1	10	1	
	B							
	C							
Moderately Advanced 8	A	2					2	
	B	6				4	2	
	C							
Far Advanced 17	A	1				1		
	B	2				1	1	
	C	14					14	
Total 37								

Total number of days, 657. Average stay, 17.7. Longest stay, 28. Shortest stay, 6.

Number gained weight, 25.		Number lost weight, 6.	
Average gain	2.6 lbs.	Average loss	4 lbs.
Largest gain	6.5 lbs.	Largest loss	14 lbs.
Smallest gain	.25 lbs.	Smallest loss	.5 lbs.
Stationary	2	Not weighed	4

94 PATIENTS WHO STAYED FROM 30 TO 89 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 48	A	43		24	9	10		
	B	5		1	1	3		
	C							
Moderately Advanced 21	A	1				1		
	B	20			5	14		1
	C							
Far Advanced 25	A							
	B	7				6	1	
	C	18				2	16	
Total 94								

Total number of days, 5,744. Average stay 61.1. Longest stay, 89. Shortest stay, 30.

Number gained weight, 81.		Number lost weight, 11.	
Average gain	9.4 lbs.	Average loss	3 lbs.
Largest gain	29.75 lbs.	Largest loss	10.5 lbs.
Smallest gain	.5 lbs.	Smallest loss	.25 lbs.
Stationary	2	Not weighted	0

Main Building, Colored Unit

216 PATIENTS WHO STAYED 90 DAYS OR OVER

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 62	A	54		49	4	1		
	B	8		5	2	1		
	C							
Moderately Advanced 81	A	21			17	4		
	B	58			35	19	4	
	C	2				2		
Far Advanced 73	A	2					2	
	B	41			15	24	1	1
	C	30			3	10	14	3
Total 216								

Total number of days, 44,866. Average stay, 207.7. Longest stay, 745. Shortest stay, 90.

Number gained weight, 190.		Number lost weight, 21.	
Average gain	14.9 lbs.	Average loss	4.2 lbs.
Largest gain	53 lbs.	Largest loss	17.5 lbs.
Smallest gain	.25 lbs.	Smallest loss	.5 lbs.
Stationary	5	Not weighed	0

HISTORY OF HEMORRHAGE

Negative		172
Positive	Previous only	161
	Previous and during residence	12
	During residence only	2

RESULTS OF SPUTUM EXAMINATIONS

Negative or no sputum		180
Positive	On admission	136
	During residence	90
	On discharge	70

SEX, AGE AND CIVIL CONDITION

Sex	Age: 11-19	20-29	30-39	40-49	50-59	60-70	Civil Condition: Single	Married	Widowed
Male 142	35	124	107	57	22	2	137	194	16
Female 205									
Total 347									

NATIONALITY: Americans, 346; Syrians, 1.

TUBERCULOUS COMPLICATIONS

Abdominal fistula (postoperative)	1
Adenitis (cervical)	3
Anal fistula	6
Arthritis (left knee and right shoulder)	1
Bronchopneumonia	1
Enteritis	4
Epididymitis with sinus	1
Hydropneumothorax	1
Ischiorectal abscess	2
Laryngitis	31
Meningitis	1
Nephritis	1
Otitis media	12
Pleurisy with effusion	8
Pleurisy with effusion (interlobar)	1
Pott's disease	1
Ulcer (mouth)	1

NON-TUBERCULOUS COMPLICATIONS

Abscessed teeth	1	Goitre (cystic)	1
Achylia gastrica	1	Goitre (simple)	2
Adenitis (inguinal)	1	Hernia (inguinal)	4
Aneurysm of aorta	1	Hernia (abdominal)	2
Ankylosis (left knee)	1	Hookworm disease	14
Appendicitis (chronic)	3	Hypertension	1
Arthritis	1	Hyperthyroidism	2
Asthma (bronchial)	2	Laceration of cervix	6
Astygmatism	1	Laceration of perineum	15
Atrophic rhinitis	3	Laryngitis	2
Blepharitis	4	Leukoderma	1
Blindness (partial)	1	Lues	4
Bronchiectasis	5	Lung abscess	1
Bronchitis (acute)	1	Malaria	3
Bronchitis (chronic)	5	Menorrhagia	1
Bunion	1	Migraine	1
Carious teeth	9	Mitral regurgitation	5
Cervical polyp	1	Nasopharyngitis	6
Chalazion	1	Nephritis	10
Cholecystitis	5	Otitis media	2
Cystitis	1	Paranoia	1
Cystocele	1	Perforated nasal septum	3
Deafness (partial)	3	Pes planus	2
Deviated nasal septum	4	Pharyngitis (chronic)	4
Dislocation of patella	1	Pituitary dysfunction	1
Dorsal scoliosis	2	Pregnancy	3
Eczema	3	Prolapsed kidney	4
Endocervicitis	2	Prolapsed uterus	3
Erosion of cervix	11	Pruritus ani	1
Facial paralysis	1	Pyelitis	1
Fracture of clavicle with fibrous union	1	Pyorrhea	68
Gastric ulcer	1	Retroflexion of uterus	1
Goitre (adolescent)	1	Retroversion of uterus	11
		Rhinitis (chronic)	15

Sinus (right foot)	1
Sinusitis	2
Splanchnoptosis	2
Strabismus	1
Strongyloides intestinalis	2
Tenia versicola	1
Tonsillitis (chronic)	27
Ulcer (nasal septum)	1
Ulcer (perineal)	1
Ulcer (varicose)	1
Varicose veins	7

OCCUPATIONS

Architect	1
Assistant postmaster	1
Auto timer	1
Barber	1
Bookkeeper	5
Bus driver	1
Carpenters	4
Clerks	11
Construction work	1
Deputy sheriff	1
Dressmakers	2
Druggists	3
Electricians	1
Employee in aluminum plant	1
Employee in furniture plant	1
Engineers	1
Farmers	36
Fisherman	1
Glaizing	1
Housework	131
Laborers	2
Lumber dealer	1
Mail carrier	2
Manager telephone exchange	1
Mechanics	5
Merchants	8
Mill foreman	4
Milliner	1
Mill workers	25
Ministers	3
Musician	1
Nurses	9
Office work	4
Photographer	1
Pilot on boat	1
Practical nurses	2
Printers	5
Public work	1
Railway mail clerk	1
Salesmen	2
Sawmill worker	1
Shoemaker	1
Stenographer	7
Students	30
Teachers	14
Teamsters	1
Telegraph operator	1
Telephone operators	2
Tinsmith	1
Tire finisher	1
Traveling salesman	1
Tobacconist	1
Waitress	1
Watchman	1

COUNTIES FROM WHICH THE 347 PATIENTS CAME

Alamance	9
Alexander	2
Anson	2
Ashe	1
Beaufort	1
Bertie	1
Bladen	1
Buncombe	3
Burke	1
Cabarrus	9
Caldwell	2
Carteret	1
Caswell	2
Catawaba	5
Chatham	5
Cherokee	1
Chowan	2
Cleveland	5
Columbus	4
Craven	2
Cumberland	11
Currituck	1
Dare	2
Davidson	4
Davie	2
Duplin	3
Durham	12
Edgecombe	16
Forsyth	7
Franklin	3
Gaston	14
Granville	1
Guilford	1
Halifax	20
Harnett	4
Henderson	1
Hertford	1
Hoke	6
Iredell	7
Johnston	7
Jones	2
Lee	1

Lenoir	3	Rockingham	5
Macon	1	Rowan	4
McDowell	1	Rutherford	1
Mecklenburg	27	Sampson	3
Montgomery	2	Scotland	5
Moore	2	Stanly	8
Nash	3	Stokes	1
New Hanover	5	Surry	1
Northampton	1	Tyrrell	1
Onslow	1	Union	2
Orange	4	Vance	2
Pasquotank	1	Wake	20
Perquimans	1	Warren	2
Person	4	Washington	1
Pitt	5	Wayne	18
Randolph	2	Wilkes	1
Richmond	5	Wilson	7
Robeson	10	Yadkin	2

TOWNS FROM WHICH THE 347 PATIENTS CAME

Advance	1	Dunn	1
Ahoskie	1	Durants Neck	1
Albemarle	6	Durham	8
Altamahaw	1	Dysartville	1
Apex	2	East Bend	1
Asheboro	1	East Durham	2
Asheville	2	Edenton	1
Aulander	1	Elizabeth City	1
Avon	1	Elizabethtown	1
Badin	1	Enfield	2
Battleboro	1	Eureka	1
Belmont	7	Farmville	1
Bentonville	1	Fayetteville	7
Biltmore	1	Ferguson	1
Biscoe	1	Flat Rock	1
Bonlee	1	Fountain	1
Buies Creek	1	Fuquay Springs	1
Burlington	2	Garner	1
Bynum	1	Gastonia	1
Calypso	1	Gibson	1
Carrboro	1	Goldsboro	15
Castalia	2	Graham	1
Cedar Creek	1	Granite Quarry	1
Chapel Hill	3	Greensboro	1
Charlotte	20	Greenville	2
Clarks	1	Halifax	1
Clayton	1	Hamlet	1
Clinton	1	Harbinger	1
Collettsville	1	Harrisburg	1
Columbia	1	Hatteras	1
Concord	4	Henderson	1
Cooleemee	1	Hickory	5
Cornelius	2	Hobgood	1
Cramerton	2	Hope Mills	2
Dallas	1	Huntersville	1
Davidson	1	Hurdle Mills	1
Derita	1	Jalong	2
Draper	1	Jennings	1
Duke	1	Jonesville	1

Kannapolis	4
Kenly	2
Kings Mountain	2
Kinston	2
La Grange	1
Laurinburg	3
Lenoir	1
Lexington	3
Liberty	2
Littleton	3
Louisburg	1
Lowell	1
Lumberton	2
Lumber Bridge	2
McAdenville	2
Macclesfield	1
Madison	1
Matthews	2
Maxton	1
Mebane	3
Monroe	1
Mooresville	2
Morganton	1
Mount Olive	2
Murphy	1
New London	1
Newton	1
Niagara	1
Oxford	1
Pactolus	1
Parkton	1
Pembroke	1
Pilot Mountain	1
Pinetops	2
Pittsboro	2
Plymouth	1
Pollocksville	1
Portsmouth	1
Prospect Hill	1
Princeton	1
Raeford	5
Raleigh	8
Randleman	1
Red Springs	2
Reidsville	2
Roanoke Rapids	3
Roberdell	1
Rockingham	3
Rocky Mount	6
Roseboro	1
Rosehill	1
Rosemary	7
Rowland	1
Rutherfordton	1
Ryland	1
Sandy Ridge	1
Salemburg	1
Salisbury	3
Sanford	1
Scotland Neck	3
Scottville	1
Selma	1
Shelby	3
Siler City	1
Smithfield	1
Southern Pines	1
Speed	2
Stantonburg	1
Star	1
Statesville	4
Stedman	1
Stoneville	1
Swansboro	1
Tarboro	4
Taylorsville	2
Thomasville	1
Timberland	1
Tobaccoville	1
Trenton	1
Varina	1
Vanceboro	1
Wadesboro	2
Wagram	1
Wake Forest	2
Wananish	1
Warrenton	2
Warsaw	1
Washington	1
Weldon	1
Wendell	1
West Durham	2
West Mills	1
Whitakers	1
Whiteville	3
Willow Springs	1
Wilmington	5
Wilson	5
Wingate	1
Winston-Salem	6
Woodland	1
Woods	1
Woodsdale	1
Yadkinville	1
Youngsville	1
Zebulon	4

OUTSIDE PATIENTS EXAMINED FOR DIAGNOSIS AND CONSULTATION

July	168	January	76
August	104	February	70
September	154	March	131
October	97	April	90
November	97	May	124
December	76	June	155

Classification:

Re-examinations	221
Positive diagnosis	410
Negative diagnosis	711
	1,342

SUMMARY MEDICAL REPORT JULY 1, 1924, TO JUNE 30, 1925

Patients admitted:		
Minimal	101	
Moderately advanced	124	
Far advanced	132	
Not classified	30	
Not tuberculous	51	
Total	438	
Patients discharged:		
Apparently arrested	79	
Quiescent	91	
Improved	113	
Unimproved	59	
Died	6	
Not classified	4	
Not tuberculous	85	
Total	437	
Hospital days		64,422

REPORT OF X-RAY LABORATORY

Stereoroentgenograms of chest (Sanatorium patients)	498
Stereoroentgenograms of chest (outside patients)	272
Roentgenograms, other parts of body	54
Total	824
X-ray treatments	59

LABORATORY REPORT

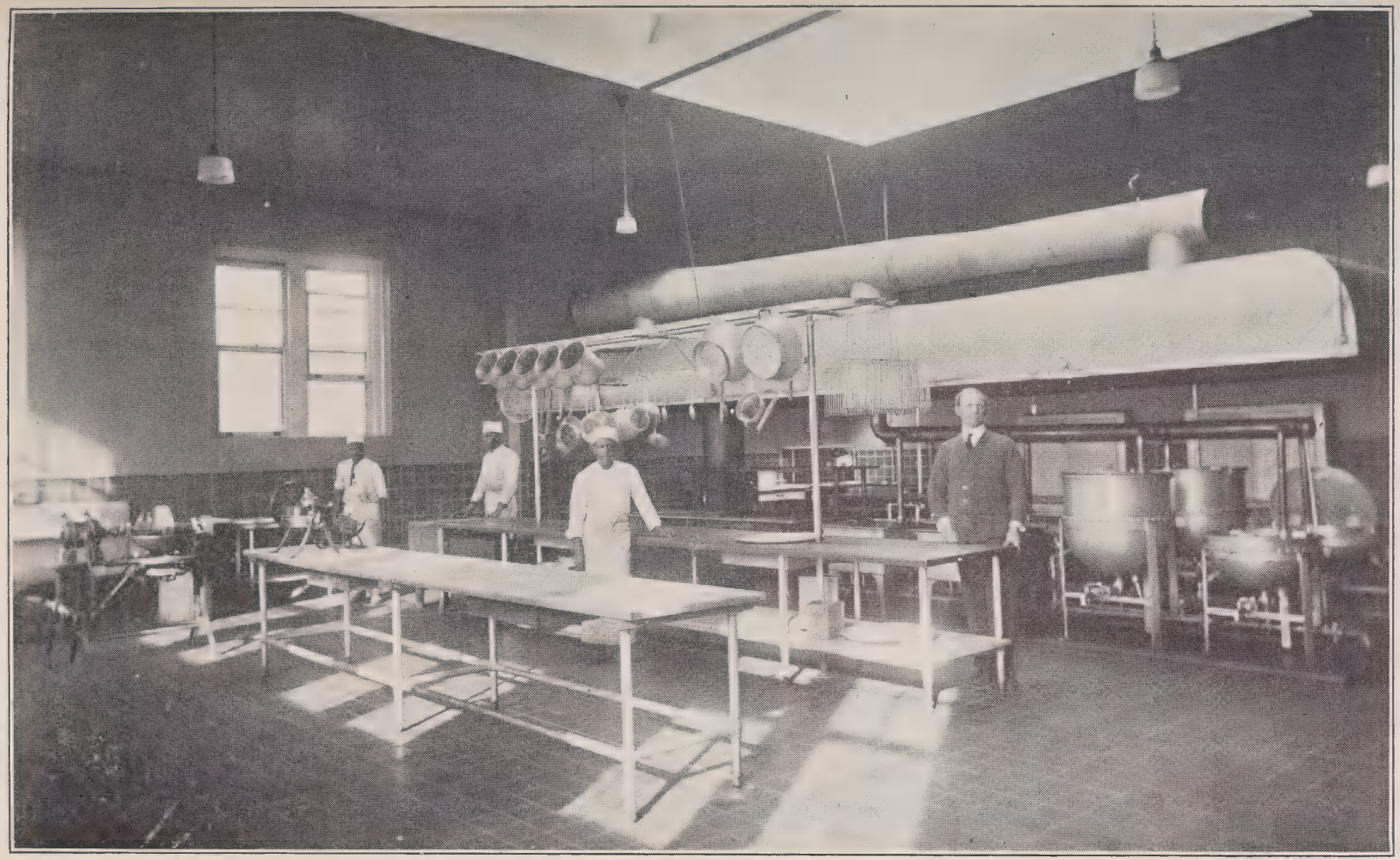
Sputanalyses:		
Culture	34	
Micros.	2,021	
Chem.	920	
Total		2,975

Urinalyses:		
Micros.	1,032	
Chem.	1,190	
Total		2,222
Blood:		
W. B. C.	566	
R. B. C.	516	
Differential Count	536	
Hemoglobin	511	
Color Index	497	
Malaria	529	
Wassermanns	530	
Urea	81	
Culture	1	
Sugar	22	
Widal test	2	
Creatinin	1	
Uric acid	4	
Total		3,796
Feces	632	
Fractional Ewalds	105	
Gastric residium	1	
Vaginal smears	57	
Phthaleins	134	
Basal metabolism determinations	69	
Air analyses	3	
Peritoneal fluid	1	
Spinal fluid	6	
Pleural fluid	31	
Ear fluid	1	
Tonsil smear	1	
Tonsil culture	1	
Throat culture	5	
Skin scraping for fungi and culture for bacteria	2	
Pus smears	5	
Total		1,054
Water: Bacterial Count	189	
Water: For Coli	189	378
Total examinations and tests		10,425

PRESENT CONDITION OF ALL MINIMAL PATIENTS DISCHARGED FROM THE SANATORIUM PREVIOUS TO DECEMBER 31, 1924

Condition on Discharge	Condition December 31, 1924	Year Discharged											
		1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	Total
Arrested 59	Living and working	0	5	5	11	4	6	15	1	3	3	0	53
	Living and not working	0	0	1	1	0	0	3	0	0	0	0	5
	Dead	0	0	0	*1	0	0	0	0	0	0	0	*1
	Lost	0	0	0	0	0	0	0	0	0	0	0	0
Apparently Arrested 319	Living and working	1	7	28	33	33	19	22	23	30	30	42	268
	Living and not working	2	1	2	2	3	0	1	2	6	2	15	36
	Dead	0	1	3	2	1	5	2	0	0	0	0	14
	Lost	0	0	0	0	1	0	0	0	0	0	0	1
Quiescent 222	Living and working	4	4	10	12	13	14	22	20	36	26	11	182
	Living and not working	0	0	1	0	0	3	3	3	4	4	7	25
	Dead	1	6	3	2	0	1	1	1	0	0	0	15
	Lost	0	0	0	0	0	0	0	0	0	0	0	0
Improved 134	Living and working	0	5	13	10	9	7	10	10	13	9	14	100
	Living and not working	0	0	3	1	1	2	4	1	1	5	2	20
	Dead	0	1	0	0	2	2	0	1	1	0	0	7
	Lost	1	0	1	2	1	1	0	1	0	0	0	7
Unimproved 5	Living and working	0	0	1	1	1	0	0	0	1	0	0	4
	Living and not working	0	0	0	0	0	0	0	0	0	0	0	0
	Dead	0	0	0	1	0	0	0	0	0	0	0	1
	Lost	0	0	0	0	0	0	0	0	0	0	0	0
Total 739	Living and working 82.1%	5	21	57	67	60	46	59	54	83	68	67	607
	Living and not working 11.6%	2	1	7	4	4	5	11	6	11	11	24	868
	Dead 5.1%	1	8	6	6	3	8	3	2	1	0	0	38
	Lost 1. %	1	0	1	2	2	1	0	1	0	0	0	

*Accidental—from pistol wound.



Kitchen, White Unit

PRESENT CONDITION OF ALL MODERATELY ADVANCED PATIENTS DISCHARGED FROM THE SANATORIUM PREVIOUS TO DECEMBER 31, 1924

Condition on Discharge	Condition December 31, 1924	Year Discharged											
		1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	Total
Arrested 15	Living and working	0	4	7	0	1	1	1	0	0	0	0	14
	Living and not working	0	0	0	1	0	0	0	0	0	0	0	1
	Dead	0	0	0	0	0	0	0	0	0	0	0	0
	Lost	0	0	0	0	0	0	0	0	0	0	0	0
Apparently Arrested 68	Living and working	3	2	5	7	14	5	5	8	5	4	0	58
	Living and not working	0	0	0	0	0	0	0	2	0	1	0	3
	Dead	1	1	2	1	1	0	0	1	0	0	0	7
	Lost	0	0	0	0	0	0	0	0	0	0	0	0
Quiescent 543	Living and working	5	11	20	36	25	37	18	24	37	39	25	277
	Living and not working	0	2	4	4	7	4	13	9	9	18	27	97
	Dead	15	23	41	26	21	16	6	8	6	3	0	165
	Lost	0	0	1	0	0	0	1	1	1	0	0	4
Improved 338	Living and working	4	5	8	11	8	4	10	15	14	6	9	94
	Living and not working	0	1	2	4	3	2	12	5	11	15	20	75
	Dead	21	19	22	30	24	12	16	10	4	7	1	166
	Lost	1	0	0	2	0	0	0	0	0	0	0	3
Unimproved 79	Living and working	0	0	1	0	1	1	2	0	0	0	0	5
	Living and not working	0	0	0	0	0	0	2	1	0	3	3	9
	Dead	1	5	5	5	9	7	10	8	6	4	5	65
	Lost	0	0	0	0	0	0	0	0	0	0	0	0
Total 1,043	Living and working 43 %	12	22	41	54	49	48	36	47	56	49	34	448
	Living and not working 17.6%	0	3	6	9	10	6	27	17	20	37	50	185
	Dead 38.6%	38	48	70	62	55	35	32	27	16	14	6	403
	Lost .6%	1	0	1	2	0	0	1	1	1	0	0	7

PRESENT CONDITION OF ALL FAR ADVANCED PATIENTS DISCHARGED FROM THE SANATORIUM PREVIOUS TO DECEMBER 31, 1924

Condition on Discharge	Condition December 31, 1924	Year Discharged											
		1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	Total
Arrested 0	Living and working	0	0	0	0	0	0	0	0	0	0	0	0
	Living and not working	0	0	0	0	0	0	0	0	0	0	0	0
	Dead	0	0	0	0	0	0	0	0	0	0	0	0
	Lost	0	0	0	0	0	0	0	0	0	0	0	0
Apparently Arrested 0	Living and working	0	0	0	0	0	0	0	0	0	0	0	0
	Living and not working	0	0	0	0	0	0	0	0	0	0	0	0
	Dead	0	0	0	0	0	0	0	0	0	0	0	0
	Lost	0	0	0	0	0	0	0	0	0	0	0	0
Quiescent 173	Living and working	0	3	3	7	6	5	4	5	11	6	11	60
	Living and not working	0	1	2	1	2	1	2	1	8	15	9	42
	Dead	3	12	11	13	8	9	2	7	2	3	0	70
	Lost	0	0	0	0	0	0	0	0	0	0	0	1
Improved 339	Living and working	0	2	2	3	2	3	3	3	10	7	4	39
	Living and not working	0	1	2	1	2	2	1	5	13	15	37	79
	Dead	21	20	20	30	20	14	20	26	23	19	8	221
	Lost	0	0	0	0	0	0	0	0	0	0	0	0
Unimproved 324	Living and working	0	0	0	1	1	0	0	2	1	0	0	5
	Living and not working	0	0	0	0	0	0	0	0	2	5	14	21
	Dead	19	16	13	16	32	26	25	43	39	35	24	298
	Lost	0	0	0	0	0	0	0	0	0	0	0	0
Total 836	Living and working 12.5%	0	5	5	11	9	8	7	10	22	13	15	105
	Living and not working 16.9%	0	2	4	2	4	3	3	6	23	35	60	142
	Dead 70.4%	3	48	44	59	60	59	47	76	64	57	32	589
	Lost	0	0	0	0	0	0	0	0	0	0	0	0

PERSONS FROM WHOM DONATIONS WERE RECEIVED

Books and magazines:

Mr. Jonas Oettinger, Wilson.
Mr. J. S. Farmer, Wilson.
St. Paul's Woman's Missionary Society, Circle No. 4, Goldsboro.
Miss Margaret Wilkerson, Wallace.
Pinehurst Library, Pinehurst.
Library, St. John's Church, Hampton, Va.

Candies, nuts, fruit, etc.:

Mrs. C. H. Bushall, Beaufort.
Junior Philathea Class, Methodist Church, Maxton.

Potted plants and flowers:

Woman's Club, Raeford.
Mrs. J. W. McLaughlin, Raeford.

Miscellaneous gifts:

Junior Philathea Class, Methodist Church, Maxton.
Presbyterian Sunday School Class, Wilmington.
Dr. W. W. Craven, Charlotte.
Miss Janette H. Baxter, Seattle, Washington.

Sunday School Song Books:

Knights of the Ku Klux Klan, Goldsboro Klan, No. 83.

ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Red Cross, Sandhill Chapter, Aberdeen	1
American Red Cross, Laurinburg	1
American Red Cross, Whiteville	1
Baptist Orphanage, Thomasville	1
Betterment Association, Lenoir	1
Board of County Commissioners, Beaufort	1
Board of County Commissioners, Buncombe	1
Board of County Commissioners, Davidson	2
Board of County Commissioners, Gaston	1
Board of County Commissioners, Harnett	1
Board of County Commissioners, Mecklenburg	6
Board of County Commissioners, Pasquotank	2
Board of County Commissioners, Stanly	1
Board of County Commissioners, Warren	1
Branch Banking and Trust Co., Wilson	1
Brotherhood Locomotive Engineers, Rocky Mount	1
Charity Organization Society, Goldsboro	1
City of Edenton	1
City of Shelby	1
Contributions through Miss Henrietta S. Reid, Reidsville	1
Erlanger Cotton Mills, Erlanger	1
First Christian Church, Wilson	1
Icemarlee Cotton Mill, Monroe	1
Junior Order, Harnett County	1
Long, Bradsher & Company, Roxboro	1
Methodist Orphanage, Raleigh	2
N. C. Federation of Women's Clubs, McBrayer Memorial Bed Fund	6
Patterson Mills Company, Rosemary	2
Public Welfare, Burlington	1
Public Welfare, Durham	2
Public Welfare, Goldsboro	1
Public Welfare, Henderson	1
Public Welfare, Lenoir	2
Public Welfare, Lexington	1
Public Welfare, Lillington	1
Public Welfare, Roxboro	1
Public Welfare, Wadesboro	1
R. J. Reynolds Tobacco Company, Winston-Salem	1
Rosemary Manufacturing Company, Rosemary	1
Standard Manufacturing Company, Monroe	1
Tallassee Power Company, Badin	1
Tuberculosis Association, Belhaven	1
Tuberculosis Association, Belmont	6
Tuberculosis Association, Burlington	2
Tuberculosis Association, Cabarrus County	1
Tuberculosis Association, Chapel Hill	1
Tuberculosis Association, Chowan County	1
Tuberculosis Association, Gastonia	1
Tuberculosis Association, Moore County	1
Tuberculosis Association, Mount Airy	1
Tuberculosis Christmas Seal Sale Committee coöperating with the Woman's Club, Raleigh	5
United Daughters of the Confederacy, Free Bed Fund	5
W. S. Morris & Brothers, Woodville	1
Western Union Telegraph Company, Asheville	1

COLORED DIVISION

MEDICAL REPORT

1925

STATISTICAL

Number of patients to be reported on	85
Number not classified	0
Number not tuberculous (discharged)	7
Number not tuberculous (died)	1
Number of patients in Sanatorium July 1, 1925	22
Total number of patients treated during the twelve months	115

COLORED DIVISION

14 PATIENTS WHO STAYED LESS THAN 30 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	1	A 1				1		
		B						
		C						
Moderately Advanced	1	A						
		B 1				1		
		C						
Far Advanced	12	A						
		B						
		C 12					8	4
Total	14							

Total number of days, 224. Average stay, 16. Longest stay, 28. Shortest stay, 2

Number gained weight, 4.		Number lost weight, 6.	
Average gain	4.6 lbs.	Average loss	2 lbs.
Largest gain	8 lbs.	Largest loss	4.75 lbs.
Smallest gain	3 lbs.	Smallest loss	.5 lbs.
Stationary	2	Not weighed	2

29 PATIENTS WHO STAYED 30 TO 89 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	4	A 4				4		
		B						
		C						
Moderately Advanced	5	A 2				2		
		B 2					2	
		C 1					1	
Far Advanced	20	A						
		B 6				4	2	
		C 14				4	7	3
Total	29							

Total number of days, 1698. Average stay 58.5 Longest stay, 87. Shortest stay, 30

Number gained weight, 19.		Number lost weight, 10.	
Average gain	8.4 lbs.	Average loss	11.1 lbs.
Largest gain	24 lbs.	Largest loss	23 lbs.
Smallest gain	.5 lbs.	Smallest loss	1 lb.
Stationary	0	Not weighed	0

42 PATIENTS WHO STAYED 90 DAYS OR MORE

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 11	A	8			7	1		
	B	3			2	1		
	C							
Moderately Advanced 11	A	4			1	2	1	
	B	7			4	1	2	
	C							
Far Advanced 20	A							
	B	10			2	5	2	1
	C	10				3	2	5
Total 42								

Total number of days, 7,044. Average stay, 167.7. Longest stay, 482. Shortest stay, 90

Number gained weight, 34.		Number lost weight, 8.	
Average gain	16.5 lbs.	Average loss	14.2 lbs.
Largest gain	44 lbs.	Largest loss	32 lbs.
Smallest gain	.5 lbs.	Smallest loss	2.25lbs.
Stationary	0	Not weighed	0

HISTORY OF HEMORRHAGE

Negative		52
Positive	Previous only	22
	Previous and during residence	6
	During residence only	5

RESULTS OF SPUTUM

Negative or no sputum		32
Positive	On admission	46
	During residence	14
	On discharge	13

SEX, AGE AND CIVIL CONDITION

Sex	Age: 11-19	20-29	30-39	40-49	50-59	60-70	Civil Condition: Single	Married	Widowed
Male 41	11	41	20	11	1	1	35	44	6
Female 44									
Total 85									

COLORED DIVISION

TUBERCULOUS COMPLICATIONS

Anal Fistula	1
Cervical adenitis	3
Endocervicitis	1
Enteritis	9
Laryngitis	12
Meningitis	1
Mitral regurgitation	1
Osteitis	1
Peritonitis	2
Pharyngitis	1
Pleurisy with effusion	6

NON-TUBERCULOUS COMPLICATIONS

Arteriosclerosis	1
Arthritis	1
Bronchitis	1
Cardiac arhythmia	1
Cardiac decompensation	1
Carious teeth	11
Cataract (beginning)	1
Cystocele	1
Endocervicitis	1
Foreign bodies in chest and extremities	1
Hemorrhoids	1
Hookworm	1
Hyperthyroidism	1
Lues	15
Myocarditis	2
Nephritis	1
Pericarditis with effusion	2
Pregnancy	1
Pyschopath	1
Purulent leukorrhea	1
Pyorrhea	12
Pyosalpinx	1
Retroversion of uterus	1
Rhinitis	1
Salpingitis	2
Tonsillitis	5
Uterine fibroid	1

OCCUPATIONS

Baker	1
Barber	1
Brickmason	1
Butler	1
Cook	3
Chauffeur	3
Farming	23
Housemaid	3
Housework	18
Janitor	2
Laborer	10
Merchant	1
Musician	1
Painter	1
Pressing Club	1
Railroad hand	1
Sawmill worker	1
Student	6
Teacher	5
Tobacco factory	2

COUNTIES FROM WHICH THE 85 PATIENTS CAME

Alamance	1
Anson	2
Bertie	2
Cabarrus	1
Carteret	1
Cleveland	1
Cumberland	1
Currituck	1
Duplin	1
Durham	1
Edgecombe	5
Halifax	6
Harnett	2
Hoke	4
Iredell	2
Jones	1
Johnston	2
Lee	1
Lenoir	1
Mecklenburg	5
Montgomery	1
Moore	3
Nash	1
New Hanover	2
Northampton	2
Orange	1
Pasquotank	1
Pitt	1
Richmond	2
Robeson	11
Rockingham	1
Rowan	4
Scotland	3
Stanly	1
Stokes	1
Wake	5
Wayne	1
Wilson	3

Foyer, Colored Unit

TOWNS FROM WHICH THE 85 PATIENTS CAME

Aberdeen	2	Lumber Bridge	1
Aulander	1	Maxton	4
Badin	1	Morehead City	1
Battleboro	1	Mount Gilead	1
Burlington	1	Nashville	1
Cary	1	Pee Dee	1
Chapel Hill	1	Pineville	1
Charlotte	4	Raeford	3
Clayton	2	Raleigh	3
Dunn	1	Red Springs	1
Durham	1	Reidsville	1
Elizabeth City	2	Rex	1
Ellerbe	2	Rich Square	1
Faison	1	Rocky Mount	2
Fayetteville	1	Rowland, Rt. 3	1
Four Oaks	1	Rockford	1
Garysburg	1	Ruby, S. C., Rt. 1	1
Gold Hill	1	Salisbury	3
Goldsboro	1	Sanford	1
Greenville	1	Scotland Neck	1
Halifax	1	Shannon	1
Hollister	1	Shelby	1
Johns	2	Southern Pines	1
Kinston	1	Stantonsburg	1
LaGrange	1	Statesville	2
Landis	1	Tarboro	2
Laurinburg	1	Timberland	1
Lillington	1	Wilmington	2
Littleton	3	Wilson	2
Lumberton	2	Windsor	1

COLORED DIVISION

SUMMARY MEDICAL REPORT

Patients admitted:		
Minimal	12	
Moderately advanced	16	
Far advanced	52	
Not classified	0	
Not tuberculous	5	
Total	85	
Patients discharged:		
Arrested	0	
Apparently arrested	0	
Quiescent	16	
Improved	29	
Unimproved	27	
Died	14	
Not classified	0	
Not tuberculous	7	
Total	93	
Hospital days		9,960

REPORT OF X-RAY LABORATORY

Stereoroentgenograms of chest (Sanatorium patients)	99
Stereoroentgenograms of chest (outside patients)	10
Roentgenograms, other parts of body	12
Total	121
X-ray treatments	12

LABORATORY REPORT

Sputanalyses:		
Micros.	203	
Chem.	70	
Total		273
Urinalyses:		
Micros.	335	
Chem.	343	
Total		678
Blood:		
W. B. C.	74	
R. B. C.	72	
Differential Count	73	
Hemoglobin	71	
Color Index	71	
Malaria	73	
Wassermanns	147	
Culture	2	
Total		583
Feces	107	
Fractional Ewalds	2	
Vaginal smears	9	
Basal metabolic determinations	5	
Pleural fluid	9	
Ear Fluid	4	
Pus smears	14	
Throat culture	1	
Autopsy	3	
Total		154
Total examinations and tests		1,688

COLORED DIVISION

PERSONS FROM WHOM DONATIONS WERE RECEIVED

Books, magazines and newspapers:

Rural Supervisors of colored schools.
Mr. Wm. C. Harris, Salisbury.
Conductors, Negro Summer Schools: Shaw University, Raleigh; A. & T. College, Greensboro; Berry O'Kelly Training School, Method; Elizabeth City.
Mr. W. A. Young, Raleigh.

Clothing:

Mrs. Susie J. Wilson, Supervisor of Colored Schools, Wadesboro.

Phonographs and Records:

Dr. Cady, Southern Pines.
Dr. J. E. Sheppard, Durham.
Dr. and Mrs. J. W. Walker, Asheville.
Dr. J. C. Davis, Charlotte.
Dr. E. E. Smith, Fayetteville.
Mr. C. C. Spaulding, Durham.
Mr. E. J. Sawyer, Bennettsville, S. C.
Mr. J. Stein, Fayetteville.
Mrs. Maggie Hester, Red Springs.
Mrs. Moore, Durham.
Two Sanatorium ex-patients.
Contributions from patients at white division and colored division.
Mrs. J. Y. Boyd, Southern Pines.
St. Augustine's School, Raleigh.

Piano:

Additional contributions by Negro Lodges of the State.

ORGANIZATIONS AND PERSONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Red Cross, Raleigh	1
Board of County Commissioners, Mecklenburg	6
Board of County Commissioners, Richmond	1
Budd Pipe and Roofing Company, Durham	1
Charity Organization Society, Goldsboro	2
Contributions through Mr. Chas. Johnson, Raeford	1
Mr. D. J. Craig, Statesville	1
Dr. R. H. Crawford, Spindale	1
Mr. J. B. Duke, New York City	1
Mr. B. S. McGhee, Durham	1
Mr. George McNeill, Fayetteville	1
Dr. C. L. Outland, H. O., Greenville	1
Mrs. J. S. Reynolds, Southern Pines	1
Roanoke Mills Company, Roanoke Rapids	1
Dr. J. E. Sheppard, Durham	1
Tuberculosis Association, Cabarrus County	1
Tuberculosis Association, Chapel Hill	1
Tuberculosis Association, Gastonia	1
Tuberculosis Association, Goldsboro	1
Tuberculosis Association, Raleigh	1

PRISON DIVISION

(Opened April 18, 1925)

SUMMARY MEDICAL REPORT

Patients admitted:	
Minimal	3
Moderately advanced	6
Far advanced	3
Not classified	3
Not tuberculous	0
Total	15
Patients discharged:	
Arrested	0
Apparently arrested	0
Quiescent	0
Improved	2
Unimproved	0
Died	1
Not classified	0
Not tuberculous	0
Total	3
Hospital days	896

REPORT OF X-RAY LABORATORY

Stereoroentgenograms of chest (Sanatorium patients)	15
Stereoroentgenograms of chest (outside patients)	1
Total	16

LABORATORY REPORT

Sputanalyses:		
Micros.	22	
Chem.	31	
Total		53
Urinalyses:		
Micros.	16	
Chem.	16	
Total		32
Blood:		
W. B. C.	15	
R. B. C.	15	
Differential County	15	
Hemoglobin	15	
Color Index	15	
Malaria	15	
Wassermanns	15	
Total		105
Feces	15	
Pleural fluid	4	
Ear fluid	1	
Total		20
Total examinations and tests		210

REPORT OF AUDITOR

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Exhibit G. Maintenance—Per capita cost, fiscal years 1924 and 1925.

Schedule G-1. Maintenance and Extension—Analysis of functions, year 1924.

Schedule G-2. Maintenance and Extension—Expenditures by objects, year 1924.

Exhibit H. Uncollected patients' accounts.

EXHIBIT A

FUND ASSETS AND LIABILITIES
YEAR ENDED JUNE 30, 1925

		Maintenance	Permanent Improvement	Total
ASSETS				
Cash (Schedule A-1):				
State Treasurer—Treasurer ex officio		$ 4,789.32	$ 16,314.63	$ 21,103.95
DUE ON APPROPRIATIONS:				
Maintenance (Exhibit D):				
General: Chapter 163, 1923	$135,000.00			
Extension: Chapter 163, 1923	20,000.00			
Prison: Chapter 127, 1923	37,500.00			
	$192,500.00			
Less: Funds made available by State Treasurer	151,916.85			
Lapsed and reverted to State general fund June 30, 1925 (Exhibit D)		40,583.15		40,583.15
Permanent Improvements:				
Amount erroneously reverted to State general fund in 1922 as maintenance surplus (Exhibit C)			8,949.42	8,949.42
Totals		$ 45,372.47	$ 25,264.05	$ 70,636.52
LIABILITIES				
BALANCES:				
Maintenance:				
Lapsed and reverted to State general fund, June 30, 1925		$ 40,583.15	$	$ 40,583.15
Imprest fund (Schedule A-1)		4,789.32		4,789.32
Permanent improvements (Exhibit C)			25,264.05	25,264.05
Totals		$ 45,372.47	$ 25,264.05	$ 70,636.52

SCHEDULE A-1

RECONCILEMENT OF CASH AND BANK ACCOUNTS—SUMMARY
YEAR ENDED JUNE 30, 1925

	Maintenance	Permanent Improvement	Total
Page Trust Company, Aberdeen	$ 392.32	$ 16,314.63	$ 16,706.95
Page Trust Company, Raeford	3.00		3.00
Cash in safe	4,400.00		4,400.00
Totals	$ 4,789.32	$ 16,314.63	$ 21,103.95
IMPREST FUND			
Cash in safe		$ 4,400.00	
Add: Funds allowed by State Auditor		1,388.90	
			$ 5,788.90
Deduct: Expenditures disallowed (Exhibit D)		$ 996.58	
Overdraft—Page Trust Co., Raeford		3.00	
			999.58
Balance June 30, 1925 (to Exhibit A)			$ 4,789.32
Add: Additional amount allowed by State Auditor in July, 1925			200.70
Total imprest fund			$ 4,990.02

RECONCILEMENT OF CASH AND BANK ACCOUNTS
YEAR ENDED JUNE 30, 1925

Page Trust Co., Aberdeen, N. C.:			
Balance overdrawn July 1, 1924	$	$ 18,471.97	
Receipts: July 1, 1924 to June 30, 1925:			
Maintenance	$ 132,913.43		
Extension	19,003.42		
Permanent improvements	130,102.77		
		282,019.62	
			$ 263,547.65
Vouchers Issued: July 1, 1924 to June 30, 1925:			
Maintenance		$ 131,524.53	
Extension		20,000.00	
Permanent improvements		95,316.17	
			246,840.70
Balance June 30, 1925			$ 16,706.95

RECONCILEMENT OF CASH AND BANK ACCOUNTS—*Continued*

Bank balance June 30, 1925 (per bank statement)		$ 24,195.14
Less: Outstanding Checks—		
Number:		
1891	$ 230.00	
2250	4.75	
2402	3.02	
2404	19.60	
3833	41.65	
3902	25.00	
3909	3.94	
3985	17.50	
4072	15.75	
4104	.25	
4108	21.91	
4137	252.45	
4164	175.00	
4166	25.00	
4167	150.00	
4168	150.00	
4169	40.00	
4171	250.00	
4172	200.00	
4173	125.00	
4174	50.00	
4175	150.00	
4176	60.00	
4178	150.00	
4179	100.00	
4180	70.00	
4181	75.00	
4182	75.00	
4183	75.00	
4184	225.00	
4185	240.00	
4186	100.00	
4187	25.00	
4188	17.50	
4189	15.00	
4194	1,507.59	
4195	52.10	
4201	167.55	
4202	94.78	
4204	6.32	
4207	524.65	
4208	28.81	
4209	6.05	
4210	109.50	
4211	29.74	
4212	40.84	
4213	30.46	
4214	62.16	
4215	137.79	
4153	.43	
4154	33.81	
4155	7.00	
4156	15.00	

RECONCILEMENT OF CASH AND BANK ACCOUNTS—*Continued*

Outstanding Checks—*Continued*			
Number:			
4158	$ 350.00		
4159	250.00		
4160	100.00		
4161	100.00		
4162	60.00		
4190	91.50		
4191	134.57		
4192	50.06		
4193	40.00		
4196	4.50		
4197	50.00		
4198	31.95		
4199	7.10		
4200	38.09		
4203	147.52		
		$ 7,488.19	
True balance		$ 16,706.95	$ 16,706.95
Balance in safe July 1, 1924		$ 4,662.08	
Receipts July 1, 1924 to June 30, 1925:			
White division	$ 107,305.49		
Negro Division	12,511.64	119,817.13	
Total to account for		$ 124,479.21	
Deposits, July 1, 1924 to June 30, 1925:			
Page Trust Co., Raeford		120,079.21	
Balance in safe June 30, 1925			$ 4,400.00
Page Trust Co., Raeford, N. C.:			
Bank balance July 1, 1924	$ 13,005.81		
Depostis, July 1, 1924 to June 30, 1925	120,079.21		
		$ 133,085.02	
Vouchers Issued, July 1, 1924 to June 30, 1925:			
Maintenance	$ 106,310.09		
Permanent improvements	26,777.93		
		133,088.02	
Balance overdrawn June 30, 1925			$ 3.00
Bank balance June 30, 1925:			
Page Trust Co., Raeford, N. C.		$ 520.78	
Less: Outstanding checks:			
Number			
2319	$ 7.60		
179	3.53		
692	2.77		
306	7.45		
1145	5.35		
1285	7.20		
1370	22.83		
1419	60.00		
1780	1.05		
1835	406.00		
		523.78	
True balance overdrawn		$ 3.00	$ 3.00

EXHIBIT B

INVENTORIES AND FIXED ASSETS
YEAR ENDED JUNE 30, 1925

SUPPLIES AND EQUIPMENT:		
Office and Administration:		
Business office supplies	$ 10.00	
Extension office supplies	3,702.90	
Postage	5.00	
Stationery	150.00	
Gasoline	264.64	
Business office equipment	1,136.22	
Extension office equipment	5,331.59	
Motor vehicles	2,000.00	
		$ 12,600.35
Subsistence:		
Food	$ 7,942.51	
Dining-room and kitchen equipment	21,029.84	
		28,972.35
Housekeeping:		
Cleaning and household supplies	$ 8,560.62	
Dry goods and sewing supplies	12.00	
Refrigeration supplies	100.00	
Clothing (prisoners)	358.30	
Miscellaneous fuel	3.50	
Institutional furniture and furnishings	25,553.98	
Bedding and linen	14,984.34	
Refrigeration equipment	1,105.90	
Electrical equipment	6,588.35	
		57,266.99
Laundering:		
Laundry supplies	$ 684.12	
Laundry equipment	23,858.79	
		24,542.91
Medical and Surgical Care:		
Drugs, medicines and supplies	$ 3,000.00	
Laboratory supplies	682.43	
Medical and surgical equipment	13,977.01	
		17,659.44
Light, Heat, Power and Water:		
Power and heating plant supplies	$ 254.17	
Coal	3,900.00	
Power and heating plant equipment	2,155.58	
		6,309.75
Care of Buildings and Grounds:		
Plumbing supplies and materials	$ 486.40	
Electrical supplies and materials	23.80	
General supplies	1,308.75	
Construction equipment	60.00	
General equipment	4,546.60	
		6,425.55
Instructional:		
Library equipment and stock		226.81
Recreational:		
Recreational equipment (patient's library)		1,135.00

INVENTORIES AND FIXED ASSETS—*Continued*

Agricultural:		
Farm supplies	$ 1,272.25	
Farm feed, estimated	6,500.00	
Dairy supplies	357.40	
Dairy feed	4,945.20	
Farm livestock	2,400.00	
Dairy livestock	13,050.00	
Hog livestock	4,771.50	
Farm machinery and equipment	6,212.83	
Dairy equipment	2,113.35	
Hog equipment	1,775.80	
Motor vehicles, 3 tractors, 1 truck	945.00	
		$ 44,343.33
Total		$ 199,482.48
Land:		
Hospital grounds	$ 20,000.00	
Prison sanatorium land	40,087.08	
Farm lands	35,079.66	
Landscape	18,184.65	
		$ 113,351.39
Buildings:		
Administration and infirmary	$ 248,000.00	
Negro sanatorium	106,356.28	
Prison sanatorium and equipment	65,756.54	
Dining-hall and kitchen	108,438.41	
Power plant and laundry	121,063.46	
Waterworks purifying plant	64,492.27	
Sewer system and disposal plant	14,861.15	
Ice plant	13,050.00	
Dairy buildings	41,206.11	
Superintendent's residence	11,800.00	
Physician's residence	9,500.00	
Negro physician's residence	14,214.32	
Nurse's home	11,400.00	
Nurse's home annex	3,197.00	
New nurse's home (just started)	500.00	
Flannagan cottage	16,000.00	
Gordon cottage	7,125.00	
Spruill cottage	4,165.00	
Sunshine cottage	3,150.00	
Farm residence	3,000.00	
Farm tenant houses	5,304.05	
Servants' cottages, colored	10,800.00	
Physician's garage	1,171.46	
Brick garage	468.22	
		885,019.27
Total land and buildings		$ 998,370.66

SCHEDULE B-1

COST OF PRISON SANATORIUM
YEAR ENDED JUNE 30, 1925

	State Fund	Patients Fund	Total
*Land:			
Purchased during year ended June 30, 1924	$ 40,087.08	$	$ 40,087.08
Building:			
Expended year ended June 30, 1924		11,120.42	11,120.42
Expended year ended June 30, 1925	38,083.71	10,711.25	48,794.96
Equipment:			
Expended year ended June 30, 1925	5,841.16		5,841.16
Total cost of prison sanatorium	$ 84,011.95	$ 21,831.67	$ 105,843.62

*Land purchased for location of Prison Sanatorium was not used for that purpose. Building placed on site opposite White Sanatorium.

EXHIBIT C

MAINTENANCE AND PERMANENT IMPROVEMENTS—APPROPRIATIONS AND EXPENDITURES
From July 1, 1922, to JUNE 30, 1925

		Maintenance		Permanent Improvement	
Balance July 1, 1922		$	$	$	$ 188,742.96
Appropriations for year 1922-1923:					
Public Laws 1921, chapter 229 for	$85,000.00				
Less: Reverted to State	8,949.42				
			76,050.58		
Appropriations for year 1923-1925:					
Public Laws 1923, chapter 162					219,000.00
Expenditures for year ended June 30, 1923		85,000.00		210,883.41	
Balances or (deficit) June 30, 1923			(8,949.42)	196,859.55	
		$ 85,000.00	$ 85,000.00	$407,742.96	$ 407,742.96
Balances or (deficit) July 1, 1923		$ (8,949.42)	$	$	$ 196,859.55
Appropriations for year 1923-1924:					
Public Laws 1923, chapter 163			135,000.00		
Public Laws 1923, chapter 127 (prison)					50,000.00
Expenditures for year ended June 30, 1924		135,000.00		186,882.10	
Balances or (deficit) June 30, 1924			(8,949.42)	59,977.45	
		$143,949.42	$143,949.42	$246,859.55	$ 246,859.55
Balances or (deficit) July 1, 1924		$ (8,949.42)	$	$	$ 59,977.45
Appropriations for year 1924-1925:					
Public Laws 1923, chapter 163			135,000.00		
Settlement of fire loss					5,602.77
Borrowed money to complete prison building					55,000.00
Expenditures for year ended June 30, 1925		135,000.00		95,316.17	
Balances or (deficits) June 30, 1925			(8,949.42)	25,264.05	
		$143,949.42	$143,949.42	$120,580.22	$ 120,580.22
Balances or (deficits) June 30, 1925			$ (8,949.42)		$ 25,264.05

SCHEDULE C-1

PERMANENT IMPROVEMENT FUND
YEAR ENDED JUNE 30, 1925

Cash balance July 1, 1923	$ 410.13	
Add: Overdraft of maintenance funds (reverted to State)	8,949.42	
True balance July 1, 1923		$ 9,359.55
Receipts from State Treasurer:		
Fiscal year ended June 30, 1924	$ 168,000.00	
Fiscal year ended June 30, 1925	130,102.77	
		298,102.77
		$ 307,462.32
Disbursements:		
Fiscal year ended June 30, 1924	$ 186,882.10	
Fiscal year ended June 30, 1925	95,316.17	
		282,198.27
Balance June 30, 1925		$ 25,264.05

SCHEDULE C-2

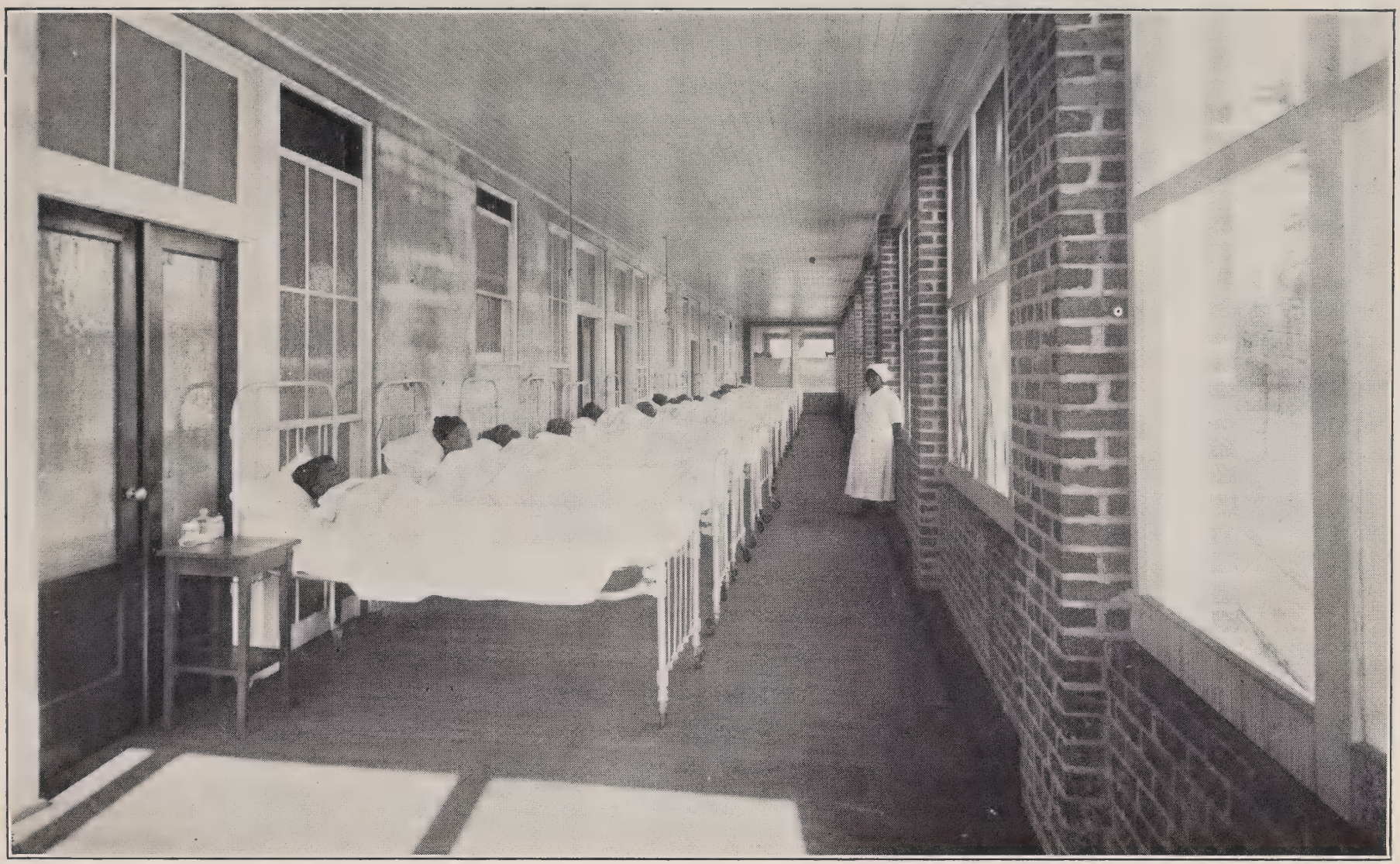
PERMANENT IMPROVEMENTS—EXPENDITURES
YEAR ENDED JUNE 30, 1925

	State Fund	Patients Fund	Total
Prison Sanatorium:			
Building	$ 38,083.71	$ 10,711.25	$ 48,794.96
Equipment	5,841.16		5,841.16
Negro Sanatorium:			
Building	5,536.50		5,536.50
Nurse's Home:			
New building	500.00		500.00
Physician's garage	716.61	454.85	1,171.46
Old Brick Garage	468.22		468.22
Farm and Dairy Buildings:			
Farm houses	1,087.29	4,216.76	5,304.05
Grain shed, dairy	129.48	1,995.89	2,125.37
Bull pen, dairy		263.00	263.00
Dairy barn	6,203.75	2,187.36	8,391.11
Laundry equipment	497.40		497.40
Waterworks System:			
Filter plant	32,354.30	2,123.00	34,477.30
Mains	684.77	1,825.82	2,510.59
Curbing and guttering	853.00		853.00
Lighting System:			
Lamp standards (grounds)	2,359.98		2,359.98
Landscape		3,000.00	3,000.00
Totals	$ 95,316.17	$ 26,777.93	$ 122,094.10

EXHIBIT D

MAINTENANCE AND EXTENSION—
APPROPRIATIONS AND EXPENDITURES
YEAR ENDED JUNE 30, 1925

	Maintenance	Extension	Total
Appropriations:			
General, chapter 163, P. L. 1923	$ 135,000.00	$	$ 135,000.00
Extension, chapter 163, P. L. 1923		20,000.00	20,000.00
Prison, chapter 127, P. L. 1923	37,500.00		37,500.00
Total appropriations	$ 172,500.00	$ 20,000.00	$ 192,500.00
Expenditures:			
Office and administration	$ 9,435.08	$ 12,082.03	$ 21,517.11
Subsistence	35,250.12		35,250.12
Housekeeping	17,750.31	5.89	17,756.20
Laundering	2,346.63		2,346.63
Medical and surgical care	12,420.34	7,912.08	20,332.42
Nursing and attendance	4,080.20		4,080.20
Light, hear, power and water	21,954.01		21,954.01
Care of buildings, grounds and equipment	9,339.02		9,339.02
Agricultural	18,948.82		18,948.82
Total expenditures	$ 131,524.53	$ 20,000.00	$ 151,524.53
Add:			
Funds allowed by State Auditor as part of imprest fund	1,388.90		1,388.90
Deduct:			
Expenditures disallowed by State Auditor		996.58	996.58
	$ 132,913.43	$ 19,003.42	$ 151,916.85
Balances June 30, 1925:			
Lapsed and reverted to State General Fund:			
Maintenance, general	6,580.42		6,580.42
Maintenance, prison	33,006.15		33,006.15
Extension		996.58	996.58
	$ 172,500.00	$ 20,000.00	$ 192,500.00



Ward, Colored Unit

SCHEDULE D-1

MAINTENANCE AND EXTENSION—ANALYSIS OF FUNCTIONS

YEAR ENDED JUNE 30, 1925

	Maintenance			Extension Fund	Total all Funds
	State Fund	Patients Fund	Total		
Office and Administration:					
Executive salaries	$ 2,199.92	$ ----------	$ 2,199.92	$ 3,000.00	$ 5,199.92
Clerical salaries	2,700.58	114.60	2,815.18	3,575.00	6,390.18
Per diem and fees	401.25	82.13	483.38	485.00	968.38
Office supplies	106.15	10.62	116.77	448.80	565.57
Telephone and telegraph	249.42	212.32	461.74	----------	461.74
Postage	112.00	270.56	382.56	529.47	912.03
Freight, express and drayage	16.73	----------	16.73	----------	16.73
Hotel and meals	----------	2.20	2.20	1,883.79	1,885.99
Railroad and other fares	----------	11.70	11.70	809.14	820.84
Printing (stationery, office forms, etc.)	91.54	67.94	159.48	1,039.53	1,199.01
Printing (reports, bulletins, catalogs, etc.)	153.88	4.25	158.13	215.84	373.97
Photographing and blue printing	.40	15.45	15.85	2.50	18.35
Motor vehicle (upkeep)	2,582.16	746.94	3,329.10	15.51	3,344.61
Miscellaneous expense	----------	90.00	90.00	.60	90.60
Refunds	516.83	1,999.19	2,516.02	----------	2,516.02
Office equipment and furnishings	304.22	301.90	606.12	76.85	682.97
	$ 9,435.08	$ 3,929.80	$ 13,364.88	$ 12,082.03	$ 25,446.91
Subsistence:					
Supervisors' salaries	$ 1,705.00	$ 55.00	$ 1,760.00	$ ----------	$ 1,760.00
Skilled labor	90.00	3,617.55	3,707.55	----------	3,707.55
Unskilled labor	84.00	6,065.69	6,149.69	----------	6,149.69
Food (including freight):					
Meat, fish and fowl	11,848.29	8,771.83	20,620.12	----------	20,620.12
Dairy products and eggs	3,781.31	4,927.19	8,708.50	----------	8,708.50
Cereal food products	3,121.74	1,573.17	4,694.91	----------	4,694.91
Vegetables	3,830.43	1,893.55	5,723.98	----------	5,723.98
Fruits and nuts	5,445.65	2,506.13	7,951.78	----------	7,951.78
Saccharine products	1,705.77	969.02	2,674.79	----------	2,674.79
Beverages	509.54	244.34	753.88	----------	753.88
Condiments, flavors and pickles	664,53	453.61	1,118.14	----------	1,118.14
Fats, oils and miscellaneous provisions	1,149.27	493.37	1,642.64	----------	1,642.64
Dining-room and kitchen equipment	1,314.59	969.40	2,283.99	----------	2,283.99
	$ 35,250.12	$ 32,539.85	$ 67,789.97	$ ----------	$ 67,789.97
Housekeeping:					
Supervisors' salaries	$ 980.00	$ ----------	$ 980.00	$ ----------	$ 980.00
Unskilled labor	254.85	6,750.92	7,005.77	----------	7,005.77
Cleaning and household supplies	4,436.92	4,282.72	8,719.64	5.89	8,725.53
Sewing supplies, dry goods	43.92	32.03	75.95	----------	75.95
Ice and other refrigeration supplies	391.11	3.18	394.29	----------	394.29
Wearing apparel purchased	78.10	330.32	408.42	----------	408.42
Miscellaneous fuel	9.10	8.10	17.20	----------	17.20
Institutional furniture and furnishings	4,779.31	303.07	5,102.38	----------	5,102.38
Bedding and linens	5,626.55	39.35	5,665.90	----------	5,665.90
Refrigeration equipment	881.48	224.42	1,105.90	----------	1,105.90
Plumbing equipment	177.77	----------	177.77	----------	177.77
Electrical equipment	71.20	30.16	101.36	----------	101.36
	$ 17,750.31	$ 12,004.27	$ 29,754.58	$ 5.89	$ 29,760.47

MAINTENANCE AND EXTENSION—ANALYSIS OF FUNCTIONS—*Cont.*

	Maintenance			Extension Fund	Total all Funds
	State Fund	Patients Fund	Total		
Laundering:					
Supervisors' salaries	$ 1,145.00	$ 125.00	$ 1,270.00	$----------	$ 1,270.00
Unskilled labor	301.95	1,079.79	1,381.74	----------	1,381.74
Laundry supplies	680.24	1,216.96	1,897.20	----------	1,897.20
Outside laundering and cleaning	111.99	191.89	303.88	----------	303.88
Laundry equipment	107.45	18.94	126.39	----------	126.39
	$ 2,346.63	$ 2,632.58	$ 4,979.21	$----------	$ 4,979.21
Medical and Surgical Care:					
Professional and technical salaries	$ 8,922.50	$ 60.00	$ 8,982.50	$ 7,200.00	$ 16,182.50
Medical and surgical supplies	308.09	63.67	371.76	693.00	1,064.76
Drugs and medicines	1,111.08	878.80	1,989.88	----------	1,989.88
Laboratory supplies and materials	863.44	319.91	1,183.35	18.65	1,202.00
X-Ray supplies	----------	737.34	737.34	----------	737.34
Medical and surgical equipment	1,181.36	787.74	1,969.10	.43	1,969.53
Laboratory equipment	33.87	12.59	46.46	----------	46.46
	$ 12,420.34	$ 2,860.05	$ 15,280.39	$ 7,912.08	$ 23,192.47
Nursing and Attendance:					
Professional and technical salaries	$ 3,875.80	$ 135.50	$ 4,011.30	$----------	$ 4,011.30
Supervisors' salaries	----------	1,332.65	1,332.65	----------	1,332.65
Unskilled labor	204.40	1,988.10	2,192.50	----------	2,192.50
	$ 4,080.20	$ 3,456.25	$ 7,536.45	$----------	$ 7,536.45
Light, Heat, Power and Water:					
Skilled labor	$ 3,500.00	$ 596.10	$ 4,096.10	$----------	$ 4,096.10
Unskilled labor	1,932.30	402.75	2,335.05	----------	2,335.05
Power and heating plant supplies	372.21	126.15	498.36	----------	498.36
Coal (including freight)	9,475.15	4,052.92	13,528.07	----------	13,528.07
Light, power and water (contractual)	5,061.00	3,054.00	8,115.00	----------	8,115.00
Filter plant supplies	209.37	295.68	505.05	----------	505.05
Power and heating plant equipment	1,403.98	751.60	2,155.58	----------	2,155.58
	$ 21,954.01	$ 9,279.20	$ 31,233.21	$----------	$ 31,233.21
Care of Buildings, Grounds and Equipment:					
Supervisors' salaries	$ 1,975.00	$----------	$ 1,975.00	$----------	$ 1,975.00
Skilled labor	1,339.26	605.55	1.944.81	----------	1,944.81
Unskilled labor	80.00	513.95	593.95	----------	593.95
Botanical and ground supplies	379.55	115.09	494.64	----------	494.64
Plumbing supplies and materials	487.00	225.33	712.33	----------	712.33
Electrical supplies and materials	338.49	189.37	527.86	----------	527.86
General supplies and materials	1,705.06	1,121.57	2,826.63	----------	2,826.63
Repairs to equipment and fixtures	530.13	777.36	1,307.49	----------	1,307.49
Repairs to buildings and structures	971.55	3,234.43	4,205.98	----------	4,205.98
Construction equipment	----------	60.00	60.00	----------	60.00
General equipment	1,532.98	2,134.59	3,667.57	----------	3,667.57
	$ 9,339.02	$ 8,977.24	$ 18,316.26	$----------	$ 18,316.26

MAINTENANCE AND EXTENSION—ANALYSIS OF FUNCTIONS—*Cont.*

	Maintenance			Extension Fund	Total all Funds
	State Fund	Patients Fund	Total		
Recreational:					
Unskilled labor	$	$ 16.50	$ 16.50	$	$ 16.50
Recreational supplies		27.54	27.54		27.54
	$	$ 44.04	$ 44.04	$	$ 44.04
Agricultural:					
Supervisors' salaries, farm	$ 2,700.00	$	$ 2,700.00	$	$ 2,700.00
Supervisors' salaries, dairy	1,200.00		1,200.00		1,200.00
Skilled labor, farm		2,543.85	2,543.85		2,543.85
Skilled labor, dairy	1,480.00		1,480.00		1,480.00
Unskilled labor, farm	29.50	7,313.27	7,342.77		7,342.77
Unskilled labor, dairy		15.00	15.00		15.00
Farm supplies	2,691.14	5,159.37	7,850.51		7,850.51
Dairy supplies	2,990.24	4,438.23	7,428.47		7,429.47
Hog supplies	75.95	6.00	81.95		81.95
Forage and supplies for animals	2.80	3.75	6.55		6.55
Motor vehicle (upkeep)	967.57	435.09	1,402.66		1,402.66
Repairs to equipment and fixtures	9.87	5.76	15.63		15.63
Repairs to buildings and structures	771.00	3,302.26	4,073.26		4,073.26
Farm equipment	2,222.20	1,109.58	3,331.78		3,331.78
Dairy equipment	1,605.43	507.92	2,113.35		2,113.35
Hog equipment	1,343.12	432.68	1,775.80		1,775.80
Livestock, farm	500.00		500.00		500.00
Livestock, dairy	360.00	2,120.55	2,480.55		2,480.55
Livestock, hogs		193.50	193.50		193.50
	$ 18,948.82	$ 27,586.81	$ 46,535.63	$	$ 46,535.63
Total expenditures	$131,524.53	$103,310.09	$234,834.62	$ 20,000.00	$ 254,834.62

MAINTENANCE AND EXTENSION
YEAR ENDED

Maintenance	July	August	September	October	November
Office and administration	$ 1,043.92	$ 916.20	$ 1,429.55	$ 1,174.68	$ 870.44
Subsistence	5,146.80	4,403.31	9,582.63	6,706.86	5,194.76
Housekeeping	1,697.12	1,733.91	2,169.85	2,701.13	1,556.42
Laundering	571.18	324.12	496.04	659.47	308.94
Medical and surgical care	942.31	804.81	1,386.78	1,863.34	1,573.84
Nursing and attendance	619.70	729.00	641.50	534.00	554.50
Light, heat, power and water	2,249.84	1,158.98	1,336.26	3,548.18	1,640.46
Care of buildings, grounds and equipment	1,186.89	1,390.38	1,185.36	677.80	1,107.66
Recreational					
Agricultural	1,779.49	1,465.11	3,681.53	3,435.22	5,467.81
Total maintenance	$15,237.25	$12,925.82	$ 21,909.50	$21,300.68	$ 18,274.83
Extension					
Office and administration	$ 983.24	$ 1,010.68	$ 909.63	$ 1,129.20	$ 1,009.60
Housekeeping					
Medical and surgical care	600.00	600.00	600.00	600.00	600.00
Total extension	$ 1,583.24	$ 1,610.68	$ 1,509.63	$ 1,729.20	$ 1,609.60
Total expenditures	$16,820.49	$14,536.50	$ 23,419.13	$23,029.88	$ 19,884.43

MAINTENANCE AND EXTENSION
YEAR ENDED

Maintenance	Personal Service	Supplies and Materials	Postage Telephone, and Express	Travel Expense
Office and administration	$ 5,498.48	$ 116.77	$ 861.03	$ 13.90
Subsistence	11,617.24	53,888.74		
Housekeeping	7,985.77	9,615.50		
Laundering	2,651.74	1,897.20		
Medical and surgical care	8,982.50	4,282.33		
Nursing and attendance	7,536.45			
Light, heat, power and water	6,431.15	14,531.48		
Care of buildings, grounds and equipment	4,513.76	4,561.46		
Recreational	16.50	27.54		
Agricultural	15,281.62	15,367.48		
Total maintenance	$ 70,515.21	$ 104,288.50	$ 861.03	$ 13.90
Extension				
Office and administration	$ 7,060.00	$ 448.80	$ 529.47	$ 2,692.93
Housekeeping		5.89		
Medical and surgical care	7,200.00	712.08		
Total extension	$ 14,260.00	$ 1,166.77	$ 529.47	$ 2,692.93
Total expenditures	$ 84,775.21	$ 105,445.27	$ 1,390.50	$ 2,706.83

SCHEDULE D-2

EXPENDITURES BY MONTHS
JUNE 30, 1925

December	January	February	March	April	May	June	Total
$ 943.08	$ 912.51	$ 1,123.53	$ 1,151.08	$ 1,520.31	$ 1,103.72	$ 1,175.86	$ 13,364.88
5,707.01	4,793.93	5,557.33	3,813.33	5,392.53	6,869.55	4,621.93	67,789.97
873.06	2,081.67	1,434.30	1,833.16	2,317.40	4,838.35	6,518.21	29,754.58
585.93	241.00	348.58	224.35	460.11	120.00	639.49	4,979.21
1,652.08	1,151.36	1,291.14	926.07	992.75	1,289.81	1,406.10	15,280.39
636.00	635.00	629.90	615.65	638.70	635.00	667.50	7,536.45
3,118.55	2,129.90	5,164.71	1,539.72	2,855.75	3,170.50	3,320.36	31,233.21
1,958.55	1,386.53	2,804.18	1,390.87	2,300.87	1,043.91	1,883.26	18,316.26
27.54	----------	----------	----------	----------	----------	16.50	44.04
4,245.54	2,948.72	4,435.33	8,245.76	3,284.08	2,692.96	4,854.08	46,535.63
$ 19,747.34	$ 16,280.62	$ 22,789.00	$ 19,739.99	$ 19,762.50	$ 21,763.80	$ 25,103.29	$ 234,834.62
$ 762.85	$ 1,246.33	$ 849.54	$ 1,161.68	$ 844.52	$ 804.85	$ 1,369.91	$ 12,082.03
----------	----------	5.89	----------	----------	----------	----------	5.89
600.00	600.00	600.00	600.00	600.00	618.65	1,293.43	7,912.08
$ 1,362.85	$ 1,846.33	$ 1,455.43	$ 1,761.68	$ 1,444.52	$ 1,423.50	$ 2,663.34	$ 20,000.00
$ 21,110.19	$ 18,126.95	$ 24,244.43	$ 21,501.67	$ 21,207.02	$ 23,187.30	$ 27,766.63	$ 254,834.62

SCHEDULE D-3

EXPENDITURES BY OBJECTS
JUNE 30, 1925

Printing, Binding and Publicity	Motor Vehicle Upkeep	Light Under Contract	Repairs	Equipment and All Other Expense	Miscellaneous Refunds to Patients	Total
$ 333.46	$ 3,329.10	$----------	$----------	$ 696.12	$ 2,516.02	$ 13,364.88
----------	----------	----------	----------	2,283.99	----------	67,789.97
----------	----------	----------	----------	12,153.31	----------	29,754.58
----------	----------	----------	----------	430.27	----------	4,979.21
----------	----------	----------	----------	2,015.56	----------	15,280.39
----------	----------	----------	----------	----------	----------	7,536.45
----------	----------	8,115.00	----------	2,155.58	----------	31,233.21
----------	----------	----------	5,513.47	3,727.57	----------	18,316.26
----------	----------	----------	----------	----------	----------	44.04
----------	1,402.66	----------	4,088.89	10,394.98	----------	46,535.63
$ 333.46	$ 4,731.76	$ 8,115.00	$ 9,602.36	$ 33,857.38	$ 2,516.02	$ 234,834.62
$ 1,257.87	$ 15.51	$----------	$----------	$ 77.45	$----------	$ 12,082.03
----------	----------	----------	----------	----------	----------	5.89
----------	----------	----------	----------	----------	----------	7,912.08
$ 1,257.87	$ 15.51	----------	----------	$ 77.45	----------	$ 20,000.00
$ 1,591.33	$ 4,747.27	$ 8,115.00	$ 9,602.36	$ 33,934.83	$ 2,516.02	$ 254,834.62

SCHEDULE D-4

FOOD ITEMS—PER CAPITA COST
YEAR ENDED JUNE 30, 1925

Items	State Fund	Patients Fund	Total Cost	Average Number Patients	Average Cost Per Capita		
					State Fund	Patients Fund	Total
Meat, fish and fowl	$ 11,848.29	$ 8,771.83	$ 20,620.12	206.2	$ 57.46	$ 42.54	$ 100.00
Dairy products and eggs	3,781.31	4,927.19	8,708.50		18.36	23.88	42.24
Cereal food products	3,121.74	1,573.17	4,694.91		15.14	7.63	22.77
Vegetables	3,830.43	1,893.55	5,723.98		18.57	9.19	27.76
Fruits and nuts	5,445.65	2,506.13	7,951.78		26.40	12.16	38.56
Saccharine products	1,705.77	969.02	2,674.79		8.27	4.70	12.97
Beverages	509.54	244.34	753.88		2.47	1.18	3.65
Condiments, flavors and pickles	664.53	453.61	1,118.14		3.22	2.20	5.42
Fats, oils and miscellaneous provisions	1,149.27	493.37	1,642.64		5.57	2.40	7.97
Totals	$ 32,056.53	$ 21,832.21	$ 53,888.74	206.2	$ 155.46	$ 105.88	$ 261.34
Farm products used (per Exhibit F)			23,871.14				115.77
Total food items			$ 77,759.88				$ 377.11
Average food cost per capita per day			$ 1.03				

SCHEDULE D-5

MAINTENANCE—PER CAPITA COST

YEAR ENDED JUNE 30, 1925

	State Funds			Patients Fund	Total Cost	Average Number Patients	Cost Per Capita		
	Maintenance	Extension	Total				State Fund	Patients Fund	Total
Office and administration	$ 9,435.08	$ 12,082.03	$ 21,517.11	$ 3,929.80	$ 25,446.91	206.2	$ 104.35	$ 19.06	$ 123.41
Subsistence	35,250.12	----------	35,250.12	32,539.85	67,789.97		170.95	157.81	328.76
Housekeeping	17,750.31	5.89	17,756.20	12,004.27	29,760.47		86.11	58.21	144.32
Laundering	2,346.63	----------	2,346.63	2,632.58	4,979.21		11.38	12.77	24.15
Medical and surgical care	12,420.34	7,912.08	20,332.42	2,860.05	23,192.47		98.60	13.88	112.48
Nursing and attendance	4,080.20	----------	4,080.20	3,456.25	7,536.45		19.79	16.76	36.55
Light, heat, power and water	21,954.01	----------	21,954.01	9,279.20	31,233.21		106.47	45.00	151.47
Care of buildings, grounds and equipment	9,339.02	----------	9,339.02	8,977.24	18,316.26		45.29	43.53	88.82
Recreational	----------	----------	----------	44.04	44.04		----------	.21	.21
Agricultural	18,948.92	----------	18,948.92	27,586.81	46,535.63		91.90	133.79	225.69
Totals	$131,524.63	$ 20,000.00	$151,524.63	$103,310.09	$254,834.62	206.2	$ 734.84	$ 501.02	$ 1,235.86

Number hospital days in year	75,278
Average cost per month	$21,236.21
Average cost per capita per month	102.93
Average cost per day	707.87
Average cost per capita per day	3.38
Average cost per capita per day:	
State funds	2.01
Patients' funds	1.37

SCHEDULE D-6

SALARIES AND WAGES
YEAR ENDED JUNE 30, 1925

Name and Classification	Nature of Service	Rate Per Month, Salary or Wage	Perquisites
Executive Salaries:			
Dr. P. P. McCain	Superintendent	$ 416.66	Furnished home, board, laundry, water, heat and light for self and family. One paid servant.
Professional and Technical Salaries:			
S. M. Bittinger, M.D.	Assistant Superintendent and physician	250.00	Furnished apartment, board, laundry, water, heat and light for self and wife.
J. H. Williams, M.D.	Assistant physician	200.00	Furnished apartment, etc., for self and wife.
S. E. Lee, M.D.	Assistant physician	250.00	Furnished apartment, etc., for self and wife.
P. A. Yoder, M.D.	Assistant physician	150.00	Furnished room, board, laundry, etc.
D. R. Perry, M. D.	Clinic physician	350.00	Traveling expenses.
J. F. Simpson	Technician-Laboratory and X-Ray	125.00	Furnished room, laundry, etc., for self and wife. Board paid for wife.
Miss Elizabeth Connolly, R.N.	Superintendent of nurses	150.00	Furnished apartment, board, laundry, etc.
Clerical salaries:			
F. L. Eubanks	Bookkeeper and purchasing agent	175.00	Unfurnished apartment, water heat and light.
Mr. Moss	Clerk	20.00	Furnished room, board, laundry, etc.
Mrs. H. O. Sink	Chief stenographer	100.00	Furnished rooms, board, laundry, etc.
Mrs. C. W. Covington	Stenographer	100.00	One meal per day.
Miss Sibyl Brabble	Stenographer	60.00	Furnished room, board, laundry, etc.
Miss Maude Mann	Laboratory clerk	50.00	Furnished room, board, laundry, etc.
Mrs. S. M. Bittinger	Charting nurse	25.00	Furnished apartment, board, laundry, etc.
E. B. Satterwhite	Telephone operator and clerk	50.00	Furnished room, board, laundry, etc.
Supervisors' Salaries:			
E. B. Garrett	Farm superintendent	225.00	Unfurnished residence, light, fuel, water and laundry.
W. R. Baird and family	Dairy superintendent	240.00	Unfurnished residence, light, fuel, water and laundry.
W. G. Smith	Building superintendent	240.00	None.

F. D. Cliff	Steward	150.00	Unfurnished residence, laundry, light, fuel and water for self and family. Board for self.
David Pirie, Jr.	Laundry superintendent	100.00	Unfurnished apartment, laundry, light, heat and water for self and family.
Mrs. Mollie Flanagan	Supervisor of cottages	40.00	Furnished rooms, board, laundry, etc.
Miss Sue Barton	Ward supervisor	60.00	Furnished rooms, board, laundry, etc.
Miss Kate Satterwhite	Ward supervisor	60.00	Furnished rooms, board, laundry, etc.
Carrie Broadfoot, R.N.	Supervisor colored unit	100.00	Furnished rooms, board, laundry, etc.
Thomas Broadfoot	Steward colored unit	55.00	Furnished room, board, laundry, etc.
L. J. Taylor	Ward supervisor, colored unit	60.00	Furnished room, board, laundry, etc.
E. J. Rorie	Ward supervisor, colored unit	60.00	Furnished room, board, laundry, etc.
Skilled Labor:			
I. E. McAulty	Chief engineer	150.00	Unfurnished house, fuel, light and water.
A. B. Freeman	Assistant engineer	100.00	Unfurnished house, fuel, light and water.
C. E. Hall	Water filter plant	75.00	None.
Reid Hall	Carpenter	125.00	None.
Monroe Rowland	Chef	100.00	Furnished room, board, laundry etc.
Ohlen Strickland	Baker	100.00	Furnished room, board, laundry, etc.
Joe Murphy	Auto mechanic	40.00	
Unskilled Labor:			
One	Farm foreman	60.00	Unfurnished quarters, light, water and fuel.
Three	Truck operators-farm	50.00	Unfurnished quarters, light, water and fuel.
Five	Laborers-farm	50.00	Unfurnished quarters, light, water and fuel.
Two	Laborers-farm	45.00	Unfurnished quarters, light, water and fuel.
Seven	Laborers-farm	40.00	Unfurnished quarters, light, water and fuel.
Two	Laborers-farm	30.00	Unfurnished quarters, light, water and fuel.
Two	Laborers-farm	20.00	Unfurnished quarters, light, water and fuel.
One	Cook	60.00	Furnished room, board, laundry, etc.
One	Cook, colored unit	50.00	Furnished room, board, laundry, etc.
One	Cook, colored unit	40.00	Furnished room, board, laundry, etc.
One	Fireman	75.00	Furnished room, light, water and fuel.
One	Fireman	70.00	Furnished room, light, water and fuel.
One	Fireman	40.00	Furnished room, board, laundry, etc.
One	Truck driver	60.00	Furnished room, board, laundry, etc.
Ten	Student nurses	15.00	Furnished room, board, laundry, etc.
Two	Attendants	15.00	Furnished room, board, laundry, etc.
One	Attendants	10.00	Furnished room, board, laundry, etc.

SALARIES AND WAGES—*Continued*

Name and Classification	Nature of Service	Rate Per Month Salary or Wage	Perquisites
Three	Waiters	$ 35.00	Board, light, fuel, water and room.
Fourteen	Waiters	30.00	Unfurnished quarters, board, water, fuel, light.
One	Dishwasher	25.00	Unfurnished quarters, board, water, fuel and light.
One	Head waiter	50.00	Unfurnished quarters, board, water, fuel and light.
One	Dishwasher	37.00	Unfurnished quarters, board, water, fuel and light.
One	Waiter	40.00	Unfurnished quarters, board, etc.
Seven	Waiters and maids	17.50	Unfurnished quarters, board, etc.
One	Waiter	20.00	Unfurnished quarters, board, etc.
One	Gardener	40.00	Unfurnished quarters, board, etc.
Two	Servants, colored unit	30.00	Furnished room, board, etc.
Two	Maids, colored unit	23.00	Furnished room, board, etc.

NOTE. The term "Furnished room, board, laundry, etc." includes heat, light and water.

EXHIBIT E

PATIENT'S FUND—RECEIPTS AND DISBURSEMENTS
YEAR ENDED JUNE 30, 1925

	White	Colored	Total
Receipts:			
Board and treatment	$ 89,092.73	$ 12,112.64	$ 101,205.37
Chest examinations	960.02	10.00	970.02
X-Ray income	3,349.52	214.21	3,563.73
Sale of drugs	126.60		126.60
Sale of hospital supplies	1,225.75	14.50	1,240.25
Sale of provisions	3,695.40		3,695.40
Laundry receipts	1,742.00	159.74	1,901.74
Telephone and telegraph tolls	202.47	.55	203.02
Sale of:			
Gasoline	1,028.32		1,028.32
Farm produce	1,641.90		1,641.90
Bedding linen	33.50		33.50
Office stationery	1.28		1.28
Extension supplies	838.70		838.70
Extension equipment	16.05		16.05
Stamps	5.00		5.00
Photographs	4.50		4.50
Hogs	54.00		54.00
Coats	25.00		25.00
Building supplies	10.00		10.00
Refrigeration supplies	50.00		50.00
Rent of Postoffice	67.50		67.50
Auto rentals	17.00		17.00
Refunds:			
Physician's garage	4.65		4.65
Personal Service:			
Clerical salaries	39.07		39.07
Unskilled labor	74.53		74.53
Petty cash (deposited)	3,000.00		3,000.00
Total receipts	$ 107,305.49	$ 12,511.64	$ 119,817.13
Balance July 1, 1924:			
In safe		4,662.08	
In bank, Page Trust Co., Raeford		13,005.81	17,667.89
			$ 137,485.02
Disbursements:			
Maintenance (Schedule D-1)		$ 106,310.09	
Permanent improvements (Schedule C-2)		26,777.93	133,088.02
Balance June 30, 1925:			
In safe		$ 4,400.00	
In bank (Overdrawn, Page Trust Co., Raeford)		3.00	$ 4,397.00

EXHIBIT F

SUMMARY OF FARM OPERATIONS
YEAR ENDED JUNE 30, 1925

CHARGES:		
Inventories July 1, 1924:		
Farm livestock	$ 2,330.00	
Dairy livestock	10,420.00	
Hog livestock and supplies	2,524.00	
Equipment	2,357.50	
Farm supplies	2,505.88	
Dairy supplies	4,002.75	
		$ 24,140.13
Expenditures:		
Fiscal year ended June 30, 1925 (per Schedule D-1)		46,535.63
Total charges		$ 70,675.76
Nominal profit on operations		2,727.71
Total		$ 73,403.47
CREDITS:		
Inventories June 30, 1925:		
Farm livestock	$ 2,400.00	
Dairy livestock	13,050.00	
Hog livestock	4,771.50	
Equipment	11,046.98	
Farm supplies (including feed)	7,772.25	
Dairy supplies	5,302.60	
		$ 44,343.33
Farm products consumed as food		23,871.14
Farm labor		5,189.00
Total credits		$ 73,403.47

	Quantity	Price	Amount	Total
Farm Products Consumed as Food:				
Beans	60 bu.	$ 2.10	$ 126.00	
Beets	9 bu.	2.60	23.40	
Beef	4,067 lbs.	.12	488.04	
Cabbages	1,398 lbs.	.02½	34.94	
Carrots			.50	
Cantaloupes	155 doz.	.72	111.60	
Corn	1,372 doz.	.20	274.40	
Milk	32,290 gals.	.60	19,374.00	
Onions	745 doz.	.10	74.50	
Peaches	284 bu.	1.25	355.00	
Peas	2 bu.	2.00	4.00	
Potatoes	272 bu.	1.24	337.28	
Pork, dressed	13,432 lbs.	.18	2,417.78	
Radishes	112 doz.	.45	50.40	
Salad, green	61 bu.	1.23	75.06	
Squash	28 bu.	1.21	33.88	
Strawberries	49 qts.	.20	9.80	
Turnips	21 bu.	1.25	26.25	
Tomatoes	82 lbs.	.03	2.46	
Watermelons	309	.17	51.85	
				$ 23,871.14
FARM LABOR:				
Hauling, grading and landscape work:				
Labor	908 days	1.75	$ 1,589.00	
Teams	419 days	6.00	2,514.00	
Tractor and trucks	105 days	10.00	1,950.00	
Stump puller	12 days	3.00	36.00	
				5,189.00
Total				$ 29,060.14

EXHIBIT G

MAINTENANCE—PER CAPITA COST
YEARS ENDED JUNE 30, 1924 AND JUNE 30, 1925

Function	Year Ended June 30, 1924		Year Ended June 30, 1925	
	Total Expenditures	Cost Per Capita	Total Expenditures	Cost Per Capita
Office and administration	$ 25,363.94	$ 129.94	$ 25,446.91	$ 123.41
Subsistence	62,464.49	320.00	67,789.97	328.76
Housekeeping	34,725.49	177.89	29,760.47	144.32
Laundering	7,246.39	37.12	4,979.21	24.15
Medical and surgical care	24,405.94	125.03	23,192.47	112.48
Nursing and attendance	7,290.41	37.37	7,536.45	36.55
Light, heat, power and water	24,175.29	123.84	31,233.21	151.47
Care of buildings, grounds and equipment	7,654.96	39.22	18,316.26	88.82
Instructional	180.45	.92		
Recreational			44.04	.21
Agricultural	27,695.45	141.88	46,535.63	225.69
Totals	$221,202.81	$ 1,133.21	$254,834.62	$ 1,235.86
Average number patients		195.2		206.2
Number hospital days		71,248		75,278
Average cost per month		$ 18,433.57		$ 21,236.21
Average cost per capita per month		94.43		102.93
Average cost per day		614.45		707.87
Average cost per capita per day		3.10		3.38

SCHEDULE G-1

MAINTENANCE AND EXTENSION—ANALYSIS OF FUNCTIONS
YEAR ENDED JUNE 30, 1924

Function	Maintenance	Extension	Total
Office and administration	$ 14,370.08	$ 10,993.86	$ 25,363.94
Subsistence	62,464.49		62,464.49
Housekeeping	34,725.49		34,725.49
Laundering	7,246.39		7,246.39
Medical and surgical care	15,399.80	9,006.14	24,405.94
Nursing and attendance	7,290.41		7,290.41
Light, heat, power and water	24,175.29		24,175.29
Care of buildings, grounds and equipment	7,654.96		7,654.96
Instructional	180.45		180.45
Agricultural	27,695.45		27,695.45
Totals	$ 201,202.81	$ 20,000.00	$ 221,202.81

MAINTENANCE AND EXTENSION
YEAR ENDED

Maintenance	Personal Service	Supplies and Materials	Postage Telephone, and Express	Travel Expense
Office and administration	$ 4,516.33	$ 82.12	$ 1,031.63	$
Subsistence	9,304.50	50,926.13	827.97	
Housekeeping	8,136.02	9,645.98		
Laundering	97.50	308.81		
Medical and surgical care	10,499.13	4,709.05		
Nursing and attendance	7,290.41			
Light, heat, power and water	4,525.91	15,860.29		
Care of buildings, grounds, and equipment	4,380.00	1,372.53		
Instructional				
Agricultural	8,355.63	14,440.38		
Total maintenance	$ 57,105.43	$ 97,345.29	$ 1,859.60	$
Extension				
Office and administration	$ 6,230.00	$	$ 301.72	$ 1,618.52
Medical and surgical care	3,705.17	5,300.97		
Total extension	$ 9,935.17	$ 5,300.97	$ 301.72	$ 1,618.52
Total expenditures	$ 67,040.60	$ 102,646.26	$ 2,161.32	$ 1,618.52

SCHEDULE G-2

EXPENDITURES BY OBJECTS
JUNE 30, 1924

Printing, Binding, and Publicity	Motor Vehicle Upkeep	Light Under Contract	Repairs	Equipment and All Other Expense	Miscellaneous Refunds to Patients	Total
$ 208.38	$ 1,188.26	$	$	$ 3,902.20	$ 3,441.16	$ 14,370.08
				1,405.89		62,464.49
				16,943.49		34,725.49
				6,840.08		7,246.39
				191.62		15,399.80
						7,290.41
		3,245.41		543.68		24,175.29
			1,342.80	559.63		7,654.96
				180.45		180.45
	1,141.38		253.51	3,504.55		27,695.45
$ 208.38	$ 2,329.64	$ 3,245.41	$ 1,596.31	$ 34,071.59	$ 3,441.16	$ 201,202.81
$ 1,176.34	$	$	$	$ 1,667.28	$	$ 10,993.86
						9,006.14
$ 1,176.34				$ 1,667.28		$ 20,000.00
$ 1,384.72	$ 2,329.64	$ 3,245.41	$ 1,596.31	$ 35,738.87	$ 3,441.16	$ 221,202.86

EXHIBIT H

UNCOLLECTED PATIENTS' ACCOUNTS
YEAR ENDED JUNE 30, 1925

Name	Address	Amount
Briley, Miss Mary	Battleboro	$ 5.37
Brown, S. B.	Tarboro	120.66
Comer, J. L.	Monroe	40.41
Carver, Arthur	Jalong	92.15
Crowder, Mrs. A. L.	Belmont	12.18
Cashion, L. E.	Statesville	80.03
Creath, Mrs. Dora	Rockingham	3.00
Davenport, Mrs. L.	Oak City	1.50
Davis, Will P.	Concord	24.50
Eury, Miss Addie	Salisbury	93.14
Ferrell, Miss Vera	Durham	153.96
Fulford, Mrs. B. T.	Spring Hope	16.00
Ferguson, Mrs. Fannie	Henderson	37.24
Gentry, Mrs. A. R.	Jalong	19.81
Hogwood, Mrs. S. E.	Smithfield	117.00
Hinson, Mrs. Roxie	Unionville	7.68
Johnson, Albert	Duke	26.19
Jackson, A. D.	Halifax	34.50
Johnson, Miss Ellen	Valle Crucis	430.12
Kilby, J. C.	Alarks	24.69
Leinster, Mrs. W. W.	Statesville	137.61
Latham, Miss Mildred	Charlotte	145.97
McLawhorn, Miss Cora	Kinston	4.50
McCarn, Mrs. G. W.	Linwood	25.46
Matthews, J. T.	Ahoskie	41.24
Mann, J. F.	Eagle Springs	382.89
Overstreet, Mrs. Laura	Laurinburg	1.50
Robertson, Mrs. R. S.	Pactolus	27.03
Rogers, W. H.	Roxboro	59.66
Sessoms, Mrs. D. E.	Burlington	30.00
Schulken, Mrs. Robert	Whiteville	28.21
Simpson, Mrs. J. T.	Madison	15.30
Spence, Mrs. Floyd	Elizabeth City	5.76
Swink, Miss Mary	High Point	31.74
Taylor, Mrs. H. A.	Battleboro	19.50
Teague, Mrs. E. E.	Charlotte	150.40
Tippette, R. L.	Rosemary	61.72
Watkins, Mrs. L. H.	Henderson	15.15
Wilkie, E. C.	Chapel Hill	6.50
Williams, Miss Ethel	Pikeville	15.00
Wynne, Mrs. H. C.	Fayetteville	15.87
Total		$ 2,561.14

Main Building and Refectory

THIRTEENTH ANNUAL REPORT

OF THE

North Carolina Sanatorium for the Treatment of Tuberculosis

SANATORIUM, N. C.

FOR THE PERIOD

FROM JULY 1, 1925 TO JUNE 30, 1926

RALEIGH
EDWARDS & BROUGHTON COMPANY
1926

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NORTH CAROLINA SANATORIUM

FOR THE TREATMENT OF TUBERCULOSIS

PERSONNEL

BOARD OF DIRECTORS

Dr. T. W. M. Long, *Chairman* ..... Roanoke Rapids
Mr. U. L. Spence, *Vice Chairman* ..... Carthage
Mr. W. E. Harrison, *Secretary* ..... Rockingham
Dr. J. C. Braswell ..... Whitakers
Mr. J. R. Jones ..... Sanford
Mr. Jonas Oettinger ..... Wilson
Mr. A. B. Croom ..... Winston-Salem
Mrs. Max T. Payne ..... Greensboro
Mr. J. R. McQueen ..... Lakeview

Superintendent and Medical Director ..... P. P. McCain, M.D.
Assistant Superintendent and Resident Physician ..... S. M. Bittinger, M.D.
Assistant Physician ..... J. H. Williams, M.D.
Assistant Physician ..... W. G. Byerly, M.D.
Superintendent of Nurses ..... Miss Elizabeth Connolly, R.N.
Assistant Superintendent of Nurses ..... Miss Sue Burton
Dentist ..... E. M. Medlin, D.D.S.
Laboratory Technician ..... J. F. Simpson
Cashier and Purchasing Officer ..... F. L. Eubanks
Steward ..... F. D. Cliff
Farm Superintendent ..... E. B. Garrett
Superintendent of Nurses, Colored Division ..... Mrs. Carrie Broadfoot

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EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM FOR THE TREATMENT OF TUBERCULOSIS

Director ..... P. P. McCain, M.D.
Clinic Physician ..... D. R. Perry, M.D.
Clinic Physician ..... S. E. Lee, M.D.
Clinic Physician ..... P. A. Yoder, M.D.
Traveling Health Worker Among Colored People ..... Mrs. Florence C. Williams

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CONSULTING STAFF

Orthopedic Surgeon	Dr. O. L. Miller	Gastonia
Surgery	Dr. Geo. W. Pressly	Charlotte
	Dr. J F. Highsmith	Fayetteville
Eye, Ear, Nose and Throat	Dr. Jas. M. Lilly	Fayetteville
	Dr. Wm. S. Jordan	Fayetteville
	Dr. W. P. McKay	Fayetteville
Genito-urinary	Dr. A. J. Crowell	Charlotte
	Dr. J. D. Highsmith	Fayetteville
Pathology	Dr. Jas. B. Bullitt	Chapel Hill
Pharmacology	Dr. Wm. de B. MacNider	Chapel Hill

LETTER OF TRANSMITTAL

To His Excellency, Governor A. W. McLean, *Raleigh, N. C.*

Sir: I have the honor to transmit herewith the report of the Superintendent of the operations of the North Carolina Sanatorium for the Treatment of Tuberculosis for the fiscal year ending June 30, 1926. The report of the Superintendent is accepted as the report of the Board of Directors.

Respectfully submitted,

T. W. M. Long,
Chairman, Board of Directors.

Main Dining Room

THIRTEENTH ANNUAL REPORT

OF

THE NORTH CAROLINA SANATORIUM FOR THE TREATMENT OF TUBERCULOSIS

Dr. T. W. M. Long, *Chairman, Board of Directors, North Carolina Sanatorium, Roanoke Rapids, N. C.*

Dear Dr. Long: I beg to submit herewith the Thirteenth Annual Report of the North Carolina Sanatorium, which covers the period July 1, 1925-June 30, 1926. A separate medical report is made for each of the three divisions.

During the year we treated altogether 735 patients—580 at the white division, 110 at the negro and 45 at the prison division. The statistical tables give detailed information on the 511 cases which were discharged. You will note that there are a rather large number of advanced cases among those admitted at our white division. This is in large part due to the fact that patients have to wait from two to three months after making application before they can be admitted, a situation which we are in hopes will be remedied by the next General Assembly through the provision of more beds for our white unit. At present the negroes and criminals can be admitted immediately upon their making application, but the white for lack of beds are required to wait until oftentimes their disease is too far advanced for them to be permanently benefited. Of course we try to get them to take bed rest at home while waiting for admission, but with many this is not possible.

We strongly recommend that the tuberculous prisoners be returned to the State Prison and that our prison building, which is fireproof and very well arranged, be used for some of the white patients who are having to wait for admission. When the prisoners are returned we will be glad to render the State Prison physician whatever assistance in diagnosis and advice in treatment that he may request.

We feel that our out patient diagnostic clinic conducted at the Sanatorium by our medical staff is one of the most important features of our work. It is for the special purpose of offering free consultation service to the physicians of the State, though any patient who is not able to go to the private specialist may get a free examination by requesting an appointment. Every patient in this clinic is given a thorough general physical and a fluoroscopic examination. Doubtful cases are X-rayed, a small charge being made when this is necessary.

1310 were examined in this clinic during the year. A large per cent of our early cases are secured through this and our traveling clinics. We are especially glad that an increasing number of negroes are taking advantage of this clinic.

It is encouraging to note the facts contained in the tables showing the after results of treatment in the 2863 patients discharged during the past twelve years—those who remained one month or more. Of this number we have lost track of only 15, or .52 of 1 per cent. Of the 804 minimal cases 93 per cent are living and 86 per cent are working. 57 per cent of the 1,140 moderately advanced are living and 44 per cent are working. 28 per cent of the 919 far advanced are living and 13 per cent are working. Of the whole number 59.3 per cent are living and 47.7 per cent are working.

During the year we began publishing the Sanatorium Sun, a monthly tuberculosis paper which is meeting a long felt need in helping to disseminate information on the cure and prevention of tuberculosis. Because of lack of funds we are having to make a small subscription charge and having to solicit advertisements to help defray the cost of the publication. We are requesting an increase in our extension fund that will enable us to send it free to all reported cases of tuberculosis, to all patients and ex-patients of the Sanatorium and to any others who want it. Miss Sudie Pyatt, one of our ex-patients, is the capable editor.

In addition to continuing our usual diagnostic field clinics by our two extension department clinicians we are planning during the school year to conduct some special clinics for children. We will work with the underweight children, the contacts and those who have suspicious symptoms of tuberculosis. All of such children in the schools where the clinic is being held will be given the skin tuberculin test and all positive cases will have a clinical history taken and a thorough general physical and chest X-ray examinations. Until we get a larger appropriation we will only be able to conduct these children's clinics in towns and cities where the local health departments can render the nursing and clerical assistance necessary. For next year we are requesting a sufficient increase in our appropriation to enable us to employ four nurses to give their whole time to clinic work.

During February our new nurses' home was completed at a cost of $42,000. It is large enough to accommodate any increase in our nursing force which we are likely to have for some years. Each room has a connecting bath and a sleeping porch. Besides a large reception room there are a classroom, a diet kitchen for teaching purposes and a large well lighted basement. The latter we are planning to equip for an occupational therapy department.

Our children's building is also nearing completion. It is fireproof, will accommodate 50 children, has specially arranged porches for giv-

ing sun treatment and has separate wards for the positive cases. It also has a kitchen, a dining room and school rooms large enough to accommodate twice this number of children. Built into the roof on a separate floor there are isolation rooms with sun porches to accommodate 10 patients. The building will cost $94,000 when completed. We will not take any bone or joint cases since provision is already made for these at the State Orthopedic Hospital. We expect the building to be ready for patients not later than January the first.

Childhood tuberculosis, which is usually of the hilum type, is considerably different from tuberculosis in adults. We have always welcomed any physician in the State who wished to come to the Sanatorium for the purpose of studying tuberculosis, and a great many have availed themselves of our invitation. The addition of our children's unit will increase the clinical opportunities afforded by the institution.

It has also been our practice for a number of years to take 3 rising senior medical students as student internes during the summer. We have been wonderfully well repaid for their board and the time required to teach them not only by their assistance in writing histories, laboratory work, etc., while they are here, but also in the interest in tuberculosis which they have manifested after beginning their practice.

We were woefully disappointed in not receiving any financial assistance for indigent patients this year from the Duke Foundation. We are still in hopes of securing help from this source next year.

The assurance of help from this fund has proven a great impetus to the movement for establishing county and joint county sanatoria in our State. We are doing all we can to encourage this movement and we believe that a half dozen or more other modern county sanatoria will be built within the next two years.

Our daily per capita cost for the year was $2.44½, which is about an average for the last few years and which is about as low as is consistent with the running of a first class institution.

Considering the phenomenal drouth which has persisted throughout most of the year, our farm has done remarkably well except in producing vegetables. 125 tons of oats and vetch, 15 tons of soja bean hay, 100 tons of stover, 720 bushels of oats, 179 bushels of rye, 75 bushels of peas, enough corn for our stock and poultry, 450 tons of ensilage and 2,500 bushels of peaches, are among the main products of the farm. Seventy-five acres of land have been cleared and put in cultivation, a considerable amount of fencing has been done, and some much needed repairs at the piggery have been made. At the Sandhill Fair last year at Pinehurst our Berkshires took prizes amounting to $136.85.

I wish especially to express my deep appreciation to Dr. S. M. Bittinger together with all the other members of the medical staff, to Miss Elizabeth Connolly, our Superintendent of Nurses, to all the other

nurses and to all the other heads of departments with their assistants for their splendid coöperation during the year.

The neighboring ministers have very willingly held services for us whenever they were requested to do so. Sunday school services have been held regularly at each of the three divisions. Many of our friends have most generously furnished entertainments of various kinds for our patients. The Charlotte Film Board of Trade has furnished us weekly without charge splendid moving picture films. During the year we installed radio head phones for each of our 130 bed patients. Mr. F. L. Eubanks, our cashier and purchasing officer who is an enthusiastic radio fan, secures the best programs for the patients until their bed time each night. They listen in on a sermon each Sunday morning and they also cheered Tunney as he was winning the world's heavyweight championship.

To you and to each member of the Board of Directors I wish to express my deep appreciation for your great interest in all phases of the work of the institution and for your hearty coöperation.

Respectfully submitted,

P. P. McCAIN, M.D.,
Superintendent.

SUMMARY OF YEAR'S WORK

July 1, 1925—June 30, 1926

EXTENSION DEPARTMENT

Letters and postals received		16,534
Individual letters written		11,360
Multigraph and mimeograph forms prepared		124
Number of copies multigraphed and mimeographed forms		98,435
Multigraphed and mimeographed letters mailed		12,788
Articles written (approximate number of words):		
Press	7,250	
Official pamphlet	13,500	
Sanatorium Sun	98,430	
		119,180
Copies Sanatorium Sun mailed		9,400
Articles copied (approximate number of words)		113,700
Patients' histories written		526
Approximate number of words in patients' histories		789,000
Blank cards mailed for reporting cases of tuberculosis		5,295
Number of cases reported:		
White	1,130	
Colored	791	
		1,921
Literature sent to reported cases		2,028
Other literature sent		30,124
Sputum cups distributed		177,200
Tuberculin sent physicians for von Pirquet test		273
Envelopes addressed		32,127
Enclosures sent out		19,025

Report of P. P. McCain, M.D.

Days out of office	41
Addresses delivered	14
Number in audiences	1,675

REPORT OF COUNTY TUBERCULOSIS CLINIC

D. R. Perry, M.D. *Clinic Physician*

Number of addresses delivered		1
Total audiences		35
Number of positive cases	108	
Number of probable cases	51	
Number of doubtful cases	30	
Number of negative cases	154	
Number of white examinations	315	
Number of colored examinations	28	
Total number of examinations		343

S. E. Lee, M.D., *Clinic Physician*

Number of addresses delivered		3
Total audiences		359
Number of positive cases	382	
Number of probable cases	202	
Number of doubtful cases	112	
Number of negative cases	979	
Number of white examinations	1,550	
Number of colored examinations	125	
Total number of examinations		1,675

P. A. Yoder, M.D., *Clinic Physician*

Number of addresses delivered		3
Total audiences		106
Number of positive cases	105	
Number of probable cases	43	
Number of doubtful cases	34	
Number of negative cases	240	
Number of white examinations	372	
Number of colored examinations	50	
Total number of examinations		422

REPORT OF

Florence C. Williams

Traveling Health Worker Among the Colored People

Number reached through talks on health and sanitation 14,982

WHITE DIVISION

MEDICAL REPORT

1926

STATISTICAL

Number of patients to be reported on	330
Number not classified	2
Number not tuberculous	69
Number of patients in Sanatorium July 1, 1926	179
Total number of patients treated during the twelve months	580

34 PATIENTS WHO STAYED LESS THAN 30 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 10	A	8			1	6	1	
	B	2			1	1		
	C							
Moderately Advanced 6	A	2					2	
	B	4				3	1	
	C							
Far Advanced 18	A							
	B	2					2	
	C	16				1	13	2
Total 34								

Total number of days, 547. Average stay, 16.09. Longest stay, 29. Shortest stay, 1.

Number gained weight, 18.		Number lost weight, 8.	
Average gain	3.5 lbs.	Average loss	1.5 lbs.
Largest gain	9.5 lbs.	Largest loss	2.75 lbs.
Smallest gain	.5 lbs.	Smallest loss	.5 lbs.
Stationary	0	Not weighed	8

65 PATIENTS WHO STAYED FROM 30 TO 89 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 24	A	20		17	1	2		
	B	4		2	1	1		
	C							
Moderately Advanced 16	A							
	B	13			1	9	3	
	C	3			1	1	1	
Far Advanced 25	A							
	B	13				10	3	
	C	12				5	5	2
Total 65								

Total number of days, 3,913. Average stay, 50.2. Longest stay, 89. Shortest stay, 31.

Number gained weight, 56.		Number lost weight, 9.	
Average gain	10.55 lbs.	Average loss	4.3 lbs.
Largest gain	26.75 lbs.	Largest loss	9.75 lbs.
Smallest gain	.5 lbs.	Smallest loss	.25 lbs.
Stationary	0	Not weighed	0

Nurses' Home

231 PATIENTS WHO STAYED 90 DAYS OR OVER

Condition on Admission		Condition on Discharge					
		Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 38	A 27		25	2			
	B 11		9	2			
	C						
Moderately Advanced 88	A 22			15	7		
	B 61			45	14	1	1
	C 5			2	1	2	
Far Advanced 105	A						
	B 75			19	37	13	6
	C 30			1	12	13	4
Total 231							

Total number of days, 66,640. Average stay, 288.5. Longest stay, 1,498. Shortest stay, 90

Number gained weight, 195.		Number lost weight, 34.	
Average gain	13.7 lbs.	Average loss	7.36 lbs.
Largest gain	42 lbs.	Largest loss	20.25 lbs.
Smallest gain	.25 lbs.	Smallest loss	.5 lbs.
Stationary	2	Not weighed	0

HISTORY OF HEMORRHAGE

Negative		173
Positive	Previous only	114
	Previous and during residence	30
	During residence only	14

RESULTS OF SPUTUM EXAMINATIONS

Negative or no sputum		133
Positive	On admission	177
	During Residence	114
	On discharge	64

SEX, AGE AND CIVIL CONDITION

Sex	Age							Civil Condition		
	5-9	10-19	20-29	30-39	40-49	50-59	60-70	Single	Married	Widowed
Male 151	1	52	126	88	46	16	1	148	164	18
Female 179										
Total 330										

NATIONALITY: Americans, 328; Greek, 1; Russian German 1.

TUBERCULOUS COMPLICATIONS

Abscess of hand	1
Adenitis (cervical)	2
Anal fistula	9
Empyema	1
Enteritis	11
Epididymitis	1
Glossitis	1
Ischiorectal abscess	2
Laryngitis	33
Mastoiditis	1
Meningitis	1
Osteitis of spine	1
Orchitis	1
Otitis media	16
Pharyngitis	2
Pleurisy with effusion	10
Spontaneous hydrothorax	1
Spontaneous pyopneumothorax	1
Tonsillitis	2
Ulcer (tongue)	1

NON-TUBERCULOUS COMPLICATIONS

Abscessed teeth	3
Abscessed teeth with draining sinus	1
Adenitis (inguinal)	1
Appendicitis (chronic)	5
Asthma (bronchial)	3
Atrophic rhinitis	2
Atrophy of testicle	1
Blepharitis	2
Blindness (total)	1
Bronchiectasis	5
Bronchitis (chronic)	1
Carbuncle	1
Carious teeth	15
Chancroid	1
Chlorosis	1
Curvature of spine	1
Cystocele	3
Deafness (partial)	4
Deviated nasal septum	2
Diabetes Mellitus	1
Displaced lumbar vertebra	1
Dysentery (amebic)	1
Dysmenorrhea	1
Endocervicitis	1
Enlarged turbinate	1
Erosion of cervix	11
Erosion of wall of vagina	1
Gall-bladder disease	3
Goiter (cystic)	1
Goiter (simple)	2
Hemiplegia	1
Hemorrhoids	4
Hernia (inguinal)	1
Herpes Zoster	1
Hookworm disease	14
Hyperthyroidism	2
Hysteria	1
Ichthyosis	1
Infantile uterus	1
Laceration of cervix	5
Laceration of perineum	18
Laryngitis	3
Lues	5
Melancholia	1
Menorrhagia	1
Mental deficiency	1
Migraine	1
Mitral regurgitation	7
Myocarditis	2
Nephritis	11
Otitis media (chronic)	3
Perforated ear drum	1
Pregnancy	1
Prolapsed kidney	1
Pyelitis	3
Pyorrhea	49
Rectocele	1
Retinitis (luetic)	1
Retroversion of uterus	14
Rhinitis (chronic)	12
Sinusitis	7
Strabismus	2
Tonsillitis (chronic)	17
Trichocephalus trichiurus	1
Ulcer (nasal septum)	2
Varicose veins	4

OCCUPATIONS

Accountant	1
Advertising manager	1
Attorney	1
Barber	1
Bookkeepers	3
Brokers	2
Butchers	1
Cabinet builders	1
Carpenters	4
Chauffeurs	1
Cigarette factory	2
Clerks	25
Construction work	1
Contractors	1
Convict guards	1
Draughtsman	1
Druggists	1
Electricians	3
Elevator boy	1
Employee in Aluminum Plant	1
Engineers (civil)	2
Farmers	29
Housework	101
Insurance agents	1
Insurance and Real Estate	1
Laborers	1
Lumber inspectors	2
Lumbermen	2
Manager department store	1
Manager fertilizer plant	1
Manager pressing club	1
Manager Southern Power Co.	1
Mechanics	1
Merchants	5
Mill foreman	1
Mill workers	29
Ministers	1
Nurses	2
Office nurses	2
Painters	1
Photographers	1
Plumbers	1
Policemen	1
Printers	3
Prison guards	1
Promotors	1
Public works	1
Pupil nurses	5
Railway brakeman	1
Railway clerks	3
Road builders	1
Salesmen	5
Sawmill workers	1
Seamstress	1
Sheet metal workers	1
Shoemakers	1
Stenographers	8
Stone cutters	1
Stone washers	1
Students	36
Taxi drivers	1
Teachers	11
Telephone operators	1
Tobacco auctioneers	1
Tobacconists	2
Waiters	1
Woodworkers	1

COUNTIES FROM WHICH THE 330 PATIENTS CAME

Alamance	10
Alleghany	1
Anson	5
Avery	1
Beaufort	6
Bertie	3
Brunswick	2
Buncombe	4
Burke	4
Cabarrus	6
Caldwell	3
Carteret	5
Caswell	1
Catawba	2
Chatham	1
Chowan	5
Cleveland	2
Columbus	4
Craven	1
Cumberland	6
Dare	2
Davidson	11
Davie	3
Duplin	2
Durham	14
Edgecombe	8
Forsyth	8
Franklin	1
Gaston	10
Gates	1
Granville	2
Greene	1
Guilford	3
Halifax	11
Harnett	5
Henderson	5
Hertford	1
Hoke	1
Iredell	5
Johnston	12
Lee	1
Lenoir	3
Lincoln	2
Macon	1
Martin	3
McDowell	1

Mecklenburg	15
Montgomery	1
Moore	6
Nash	4
New Hanover	5
Northampton	3
Onslow	2
Orange	1
Pamlico	1
Pasquotank	4
Pender	1
Perquimans	1
Person	1
Pitt	10
Randolph	4
Richmond	9
Robeson	6
Rockingham	6
Rowan	2
Rutherford	2
Sampson	1
Scotland	1
Stanly	5
Surry	4
Transylvania	2
Union	1
Vance	3
Wake	20
Wayne	8
Wilson	8
Yadkin	1

TOWNS FROM WHICH THE 330 PATIENTS CAME

Albemarle	2
Andrews	1
Asheboro	1
Asheville	3
Atkinson	1
Aulander	1
Ayden	3
Badin	1
Battleboro	1
Bear Creek	1
Beaufort	1
Belhaven	2
Belmont	1
Bessemer City	1
Black Creek	1
Black Mountain	1
Brevard	1
Burlington	6
Buxton	1
Cameron	2
Cana	2
Caraway	1
Carthage	1
Cary	3
Charlotte	10
Chocowinity	1
Claremont	1
Clayton	3
Cliffside	1
Clinton	1
Concord	4
Cornelius	1
Crossnore	1
Crouse	1
Dallas	1
Dobson	1
Draper	1
Drumhill	1
Dunn	3
Durham	13
Edenton	5
Elizabeth City	4
Elkin	1
Ellerbe	1
Elm City	2
Elmwood	1
Ennice	1
Erwin	1
Etowah	1
Fairmont	2
Farmville	2
Fayetteville	4
Four Oaks	2
Franklin	1
Garysburg	1
Gastonia	5
Gibson	1
Godwin	1
Goldsboro	5
Graham	1
Greensboro	3
Greenville	3
Guide	1
Hamilton	1
Hamlet	2
Hemp	1
Henderson	3
Hendersonville	5
Hertford	1
Hillsboro	1
Hobucken	1
Huntersville	2
Jacksonville	2
Julian	1
Kannapolis	2
Kenly	2
Kinston	1
La Grange	2
Lenoir	2
Lexington	7
Lillington	1
Lincolnton	1
Littleton	2
Lowell	2

Lucama	1	Salisbury	2
Macclesfield	1	Sanford	1
Macon	1	Seaboard	1
Manteo	1	Shallotte	1
Marshville	1	Shelby	2
Maxton	1	Siler City	1
Mebane	3	Simms	1
Mocksville	1	Smithfield	2
Mooresville	2	Southern Pines	1
Morehead City	3	Spindale	1
Morganton	4	Spray	1
Mt. Airy	1	Stantonsburg	1
Mt. Gilead	1	Statesville	3
Mt. Olive	1	Stedman	1
New Bern	1	Stem	1
New London	1	Stokes	1
Newton	1	St. Paul	1
Norman	1	Supply	1
Norwood	1	Tabor	2
Old Fort	1	Tarboro	2
Oxford	1	Thomasville	4
Parmele	1	Tobaccoville	1
Pee Dee	2	Varina	1
Pineville	2	Vanceboro	2
Pleasant Hill	1	Wadesboro	2
Polkton	1	Wake Forest	1
Prospect Hill	1	Wallace	2
Raeford	1	Walstonburg	1
Raleigh	15	Washington	3
Randleman	1	Weldon	1
Reidsville	3	Wentworth	1
Rennert	1	Whitakers	1
Rich Square	1	Whiteville	1
Roanoke Rapids	2	Whitnel	1
Robersonville	1	Wilmington	5
Rockingham	5	Wilson	4
Rocky Mount	5	Wilson Mills	2
Rosemary	5	Windsor	2
Rougemont	1	Winton	1
Round Peak	1	Winston-Salem	8
Rowland	1	Yadkinville	1
Roseboro	1	Youngsville	1
Roxboro	1	Zebulon	1

OUTSIDE PATIENTS EXAMINED FOR DIAGNOSIS AND CONSULTATION

July	154	January	76
August	128	February	96
September	100	March	91
October	93	April	109
November	113	May	76
December	78	June	196

CLASSIFICATION:

Reëxaminations	197
Positive diagnosis	325
Negative diagnosis	788
	1310

SUMMARY MEDICAL REPORT JULY 1, 1925 TO JUNE 30, 1926

Patients admitted:		
Minimal	77	
Moderately advanced	121	
Far advanced	145	
Not classified	22	
Not tuberculous	41	
Total	406	
Patients discharged:		
Apparently arrested	53	
Quiescent	92	
Improved	112	
Unimproved	58	
Died	15	
Not classified	2	
Not tuberculous	69	
Total	401	
Hospital days		65,360

REPORT OF X-RAY LABORATORY

Stereoroentgenograms of chest (Sanatorium patients)	492
Stereoroentgenograms of chest (outside patients)	361
Roentgenograms, other parts of body	154
Total	1007
X-ray treatments	79

LABORATORY REPORT

Sputanalyses:		
Culture	48	
Micros	1,926	
Chem.	645	
Total		2,619
Urinalyses:		
Diaz reaction	1	
Culture	1	
Micros	848	
Chem.	886	
Total		1,736
Blood:		
W. B. C.	528	
R. B. C.	491	
Differential count	509	
Hemoglobin	492	
Color Index	466	
Malaria	489	
Wassermanns	491	
Kahn test	270	
Urea	82	
Culture	5	
Sugar	7	

Widal test	3	
Creatinin	5	
Uric acid	1	
Tubercumet test	96	
van de Berg reaction	1	
Total		3,936
Feces	598	
B. M. R.	54	
Fractional Ewald	87	
Vaginal Smear	26	
Pleural fluid	33	
Phthalein	100	
Smear from mouth	4	
Empyema fluid	3	
Culture fluid	2	
Throat culture	1	
Throat smear	1	
Urethral smear	1	
Culture from mouth abscess	1	
Eye culture	1	
Smear from foot	1	
Spinal fluid	2	
Fistula culture	1	
Pus from fistula	1	
Pus from gland	4	
Skin scrapings	1	
Culture from jaw	3	
Total		925
Water: Bacterial Count	312	
Water: For Coli	312	
		624
Milk: Bacterial Count	41	
Milk: For Coli	31	
		72
Total examinations and tests		9,812

PRESENT CONDITION OF ALL MINIMAL PATIENTS DISCHARGED FROM THE SANATORIUM PREVIOUS TO DECEMBER 31, 1925

Condition on Discharge	Condition December 31, 1925	Year Discharged												
		1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	Total
Arrested 59	Living and working	0	5	6	11	4	4	15	1	3	3	0	0	52
	Living and not working	0	0	0	1	0	1	3	0	0	0	0	0	5
	Dead	0	0	0	1	0	0	0	0	0	0	0	0	1
	Lost	0	0	0	0	0	1	0	0	0	0	0	0	1
Apparently Arrested 377	Living and working	1	6	29	32	34	19	20	24	32	29	51	46	323
	Living and not working	2	1	1	2	0	0	3	1	3	2	6	13	34
	Dead	0	2	3	3	3	5	2	0	1	1	0	0	20
	Lost	0	0	0	0	0	0	0	0	0	0	0	0	0
Quiescent 224	Living and working	3	4	11	12	13	18	20	22	36	28	14	9	190
	Living and not working	0	0	1	0	0	0	3	1	2	1	4	1	13
	Dead	1	6	3	1	0	1	1	1	1	2	0	0	17
	Lost	0	0	0	0	0	0	2	2	0	0	0	0	4
Improved 138	Living and working	0	5	16	13	10	6	11	9	12	13	16	5	116
	Living and not working	0	0	1	0	0	1	3	0	0	1	0	1	7
	Dead	0	1	0	1	2	2	1	0	2	1	0	0	10
	Lost	1	0	0	0	1	2	0	1	0	0	0	0	5
Unimproved 6	Living and working	0	0	1	1	1	0	0	0	1	0	0	0	4
	Living and not working	0	0	0	0	0	0	0	0	0	0	0	1	1
	Dead	0	0	0	1	0	0	0	0	0	0	0	0	1
	Lost	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 804	Living and working 86%	4	20	63	69	62	47	66	56	84	73	81	60	685
	Living and not working 7%	2	1	3	3	0	2	12	2	5	4	10	16	60
	Dead 6%	1	9	6	7	5	8	4	1	4	4	0	0	49
	Lost 1%	1	0	0	0	1	3	2	3	0	0	0	0	10

Children's Building (Almost Completed)

PRESENT CONDITION OF ALL MODERATELY ADVANCED PATIENTS DISCHARGED FROM THE SANATORIUM PREVIOUS TO DECEMBER 31, 1925

Condition on Discharge	Condition December 31,1925	Year Discharged												
		1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	Total
Arrested 16	Living and working	0	4	8	0	1	1	1	0	0	0	0	0	15
	Living and not working	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dead	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lost	0	0	0	1	0	0	0	0	0	0	0	0	1
Apparently Arrested 69	Living and working	3	2	4	7	13	4	4	9	7	5	0	0	58
	Living and not working	0	0	0	0	1	1	1	1	0	0	0	0	4
	Dead	1	1	2	1	1	0	0	1	0	0	0	0	7
	Lost	0	0	0	0	0	0	0	0	0	0	0	0	0
Quiescent 603	Living and working	5	12	20	35	25	35	20	22	35	43	36	31	319
	Living and not working	0	1	5	4	4	4	9	8	6	11	14	28	94
	Dead	15	23	41	27	24	19	9	11	12	6	2	2	189
	Lost	0	0	0	0	0	0	0	1	0	0	0	0	1
Improved 371	Living and working	4	5	8	15	7	2	16	11	14	10	15	12	119
	Living and not working	0	1	1	1	3	2	5	12	7	4	10	16	62
	Dead	21	19	22	31	25	12	17	12	8	14	5	2	188
	Lost	1	0	1	0	0	0	0	0	0	0	0	0	2
Unimproved 81	Living and working	0	0	1	0	1	1	1	0	0	0	0	0	4
	Living and not working	0	0	0	0	0	0	3	1	0	3	1	2	10
	Dead	1	5	5	5	9	7	10	8	6	4	7	0	67
	Lost	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 1,140	Living and working 44%	12	23	41	57	47	43	42	42	56	58	50	43	514
	Living and not working 13%	0	2	6	5	8	7	18	21	13	18	25	46	169
	Dead 39%	38	48	70	64	59	38	36	32	26	24	14	4	453
	Lost 4%	1	0	1	1	0	0	0	1	0	0	1	0	5

PRESENT CONDITION OF ALL FAR ADVANCED PATIENTS DISCHARGED FROM THE SANATORIUM PREVIOUS TO DECEMBER 31, 1925

Condition on Discharge	Condition December 31, 1925	Year Discharged												
		1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	Total
Arrested 0	Living and working	0	0	0	0	0	0	0	0	0	0	0	0	0
	Living and not working	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dead	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lost	0	0	0	0	0	0	0	0	0	0	0	0	0
Apparently Arrested 0	Living and working	0	0	0	0	0	0	0	0	0	0	0	0	0
	Living and not working	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dead	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lost	0	0	0	0	0	0	0	0	0	0	0	0	0
Quiescent 193	Living and working	0	3	3	7	5	4	4	4	11	11	13	10	75
	Living and not working	0	1	2	1	2	2	1	2	6	4	5	8	34
	Dead	3	12	11	13	9	9	3	7	4	9	2	2	84
	Lost	0	0	0	0	0	0	0	0	0	0	0	0	0
Improved 389	Living and working	0	2	2	4	2	2	1	1	7	8	6	8	43
	Living and not working	0	0	2	0	1	3	2	6	11	8	20	37	90
	Dead	21	21	20	30	21	14	21	28	28	25	22	5	256
	Lost	0	0	0	0	0	0	0	0	0	0	0	0	0
Unimproved 337	Living and working	0	0	0	0	1	0	0	1	2	0	0	0	4
	Living and not working	0	0	0	0	0	0	0	1	0	4	3	7	15
	Dead	19	16	13	17	32	26	25	43	40	36	33	18	318
	Lost	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 919	Living and working 13%	0	5	5	11	8	6	5	6	20	19	19	18	122
	Living and not working 15%	0	1	4	1	3	5	3	9	17	16	28	52	139
	Dead 72%	43	49	44	60	62	49	49	78	72	70	57	25	658
	Lost 0%	0	0	0	0	0	0	0	0	0	0	0	0	0

PERSONS FROM WHOM DONATIONS WERE RECEIVED

Books and Magazines:

Miss S. Belle Alaxander, Louisville, Ky.
All Souls Church, N. Y., Montclair, N. J.
Mr. Jonas Oettinger, Wilson, N. C.
Dr. McKeithan, Fayetteville, N. C.
St. Paul Missionary Society, Circle No. 4, Goldsboro, N. C.
Mrs. W. H. Neal, Laurinburg, N. C.
Aberdeen Book Club, Aberdeen, N. C.

Candies, cakes, nuts, fruit, etc.:

Good Shepherd Church, Raleigh, N. C.
Beaufort Community Club, Beaufort, N. C.
Mrs. W. B. Merrill and other Pinehurst friends, Pinehurst, N. C.
Sunday School Class, Methodist Church, Aberdeen, N. C.

Flowers:

Woman's Club, Raeford, N. C.

Miscellaneous gifts:

Miss Janette H. Baxter, Seattle, Washington
The Twentieth Century Club, Sylva, N. C.
Woman's Club, Beaufort, N. C.
Mrs. Leonard Tufts, Pinehurst, N. C.
Miss Grace McKinnon, Bennettsville, S. C.

E. L. White Memorial:

Mr. C. W. White, Raleigh, N. C.
Mrs. A. Wray White, Raleigh, N. C.
Mr. Stickney Boyd, Wilson, N. C.

John McNair Pate Memorial:

Mr. John F. McNair, Laurinburg, N. C.
Mr. James L. McNair, Laurinburg, N. C.

ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Red Cross, Raleigh	1
American Red Cross, Windsor	1
Associated Charities, Scotland Neck	1
Board of County Commissioners, Beaufort	1
Board of County Commissioners, Buncombe	2
Board of County Commissioners, Columbus	2
Board of County Commissioners, Cumberland	1
Board of County Commissioners, Davidson	1
Board of County Commissioners, Forsyth	1
Board of County Commissioners, Gaston	9
Board of County Commissioners, Halifax	1
Board of County Commissioners, Harnett	1
Board of County Commissioners, Mecklenburg	10
Board of County Commissioners, Pasquotank	2
Board of County Commissioners, Richmond	1
Board of County Commissioners, Rowan	1
Board of County Commissioners, Rutherford	2
Board of County Commissioners, Union	2
Board of County Commissioners, Warren	2
Branch Banking and Trust Company, Wilson	1
Charity Organization Society, Goldsboro	1
City of Edenton	2
City of Elizabeth City	1
City of Lexington	1
City of Winston-Salem	2
Contributions through Miss Henrietta S. Reid, Reidsville	1
Contributions through Rev. E. Frank Lee, Beaufort	1
I. O. O. F. Home, Goldsboro	1
Junior Order, Harnett County	1
Methodist Orphanage, Raleigh	4
Moore County Health and Welfare Association	1
Neuse Manufacturing Company, Neuse	1
N. C. Federation of Women's Clubs, McBrayer Memorial Bed Fund	2
Public Welfare, Durham	7
Public Welfare, Goldsboro	1
Public Welfare, Henderson	2
Public Welfare, Mocksville	2
Public Welfare, Nashville	2
Public Welfare, Rockingham	7
Public Welfare, Smithfield	1
Public Welfare, Wadesboro	2
Public Welfare, Wallace	1
Public Welfare, Wilson	1
Rosemary Manufacturing Company, Rosemary	2
Tallassee Power Company, Badin	1
The Mission of the Good Samaritan, Asheville	1
Thomasville Chair Company, Thomasville	1
Town of Raeford	1
Tuberculosis Association, Cabarrus County	1
Tuberculosis Association, Durham County	1
Tuberculosis Association, Elkin	1
Tuberculosis Association, Gastonia	1
Tuberculosis Association, Moore County	1
Tuberculosis Association, Mount Airy	1
Tuberculosis Association, Oak City	1
Tuberculosis Association, Thomasville	1
Tuberculosis Christmas Seal Sale Committee coöperating with the Woman's Club, Raleigh	5
United Daughters of the Confederacy, Free Bed Fund	1
Woman's Club, Lumberton	1

COLORED DIVISION

MEDICAL REPORT

1926

STATISTICAL

Number of patients to be reported on	80
Number not classified	0
Number not tuberculous	2
Number of patients in Sanatorium July 1, 1926	28
Total number of patients treated during the twelve months	110

12 PATIENTS WHO STAYED LESS THAN 30 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal		A						
		B						
		C						
Moderately Advanced	1	A						
		B						
		C	1			1		
Far Advanced	11	A						
		B	2				2	
		C	9			1	5	3
Total	12							

Total number of days, 216. Average stay, 18. Longest stay, 29. Shortest stay, 6

Number gained weight, 10.		Number lost weight, 1.	
Average gain	5 lbs.	Average loss	2 lbs.
Largest gain	12.5 lbs.	Largest loss	2 lbs.
Smallest gain	1 lb.	Smallest loss	2 lbs.
Stationary	0	Not weighed	1

29 PATIENTS WHO STAYED 30 TO 89 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	2	A						
		B	2			1		1
		C						
Moderately Advanced	7	A						
		B	7		2	4	1	
		C						
Far Advanced	20	A						
		B	5			3	2	
		C	15			4	7	4
Total	29							

Total number of days, 1,529. Average stay, 52.7. Longest stay, 87. Shortest stay, 31

Number gained weight, 15.		Number lost weight, 12.	
Average gain	10.5 lbs.	Average loss	6.5 lbs.
Largest gain	21.25 lbs.	Largest loss	35.5 lbs.
Smallest gain	2.5 lbs.	Smallest loss	.5 lbs.
Stationary	1	Not weighed	1

39 PATIENTS WHO STAYED 90 DAYS OR MORE

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	2	A 2			2			
		B						
		C						
Moderately Advanced	16	A 2			2			
		B 12			2	5	3	2
		C 2			2			
Far Advanced	21	A						
		B 12			3	7	2	
		C 9				1	5	3
Total	39							

Total number of days, 6,542. Average stay, 167.7. Longest stay, 488. Shortest stay, 94

Number gained weight, 28.		Number lost weight, 10.	
Average gain	19.3 lbs.	Average loss	11.6 lbs.
Largest gain	57 lbs.	Largest loss	25 lbs.
Smallest gain	3 lbs.	Smallest loss	1.25 lbs.
Stationary	1	Not weighed	0

HISTORY OF HEMORRHAGE

Negative		45
Positive	Previous only	28
	Previous and during residence	5
	During residence only	2

RESULTS OF SPUTUM EXAMINATIONS

Negative or no sputum		29
Positive	On admission	46
	During residence	6
	On discharge	0

SEX, AGE AND CIVIL CONDITION

Sex		Age: 5-9	10-19	20-29	30-39	40-49	50-59	60-70	Civil Condition: Single	Married	Widowed
Male	31	1	16	37	17	4	4	1	34	38	8
Female	49										
Total	80										

COLORED DIVISION

TUBERCULOUS COMPLICATIONS

Adenitis (mediastinal)	2	Meningitis	1
Adenitis (cervical)	5	Osteitis with lumbar abscess	1
Bronchopneumonia	2	Otitis media	2
Fecal fistula	1	Peritonitis	2
Laryngitis	10	Pleurisy with effusion	7

NON-TUBERCULOUS COMPLICATIONS

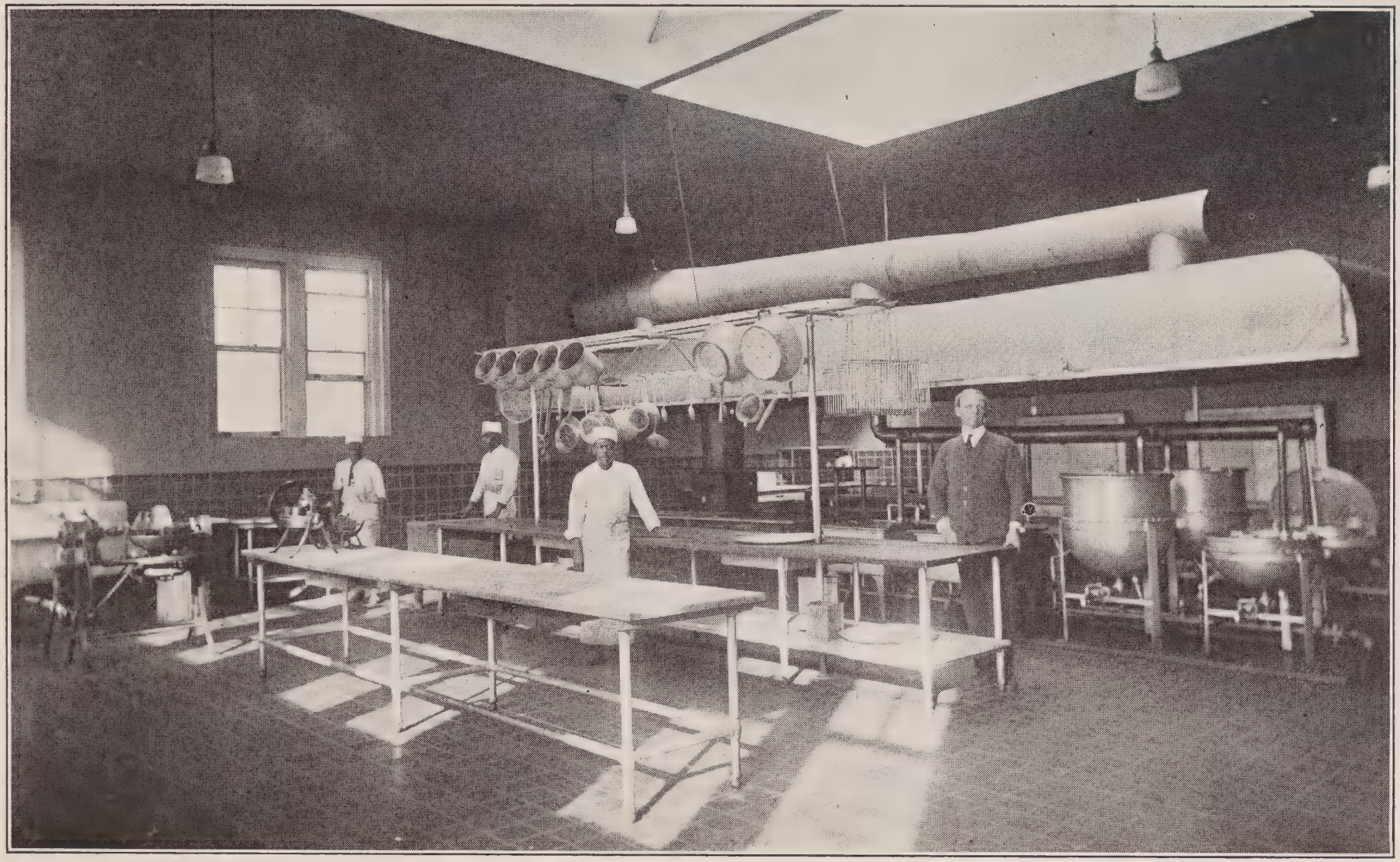
Ankylosis	1	Myocarditis	2
Appendicitis	1	Nephritis	2
Carious teeth	3	Pregnancy	2
Decayed teeth	1	Pyorrhea	14
Dental caries	2	Pyosalpinx	1
Endocervicitis	1	Retroversion of uterus	1
Erosion of cervix	2	Retro-displaced uterus	1
Hookworm	3	Salpingitis	1
Hyperthyroidism	1	Sebacious cyst	1
Hypertrophied cervix uteri	1	Strabismus	1
Lipoma	1	Tonsillitis	4
Lues	6	Traumatic ataxia	1
Mitral regurgitation	2		

OCCUPATIONS

Baker	1	Merchant	1
Barber	2	Navy yard	1
Butcher	1	Porter	1
Cook	6	Pressing and cleaning	1
Chauffeur	1	Sawmill worker	1
Delivery boy	2	Seamstress	1
Dishwasher	1	Student	8
Factory	1	Teacher	6
Farming	18	Tobacco factory	1
Housemaid	2	Truck driver	1
Housework	16	Waitress	1
Laborer	3	Woodworker	1
Laundress	2		

COUNTIES FROM WHICH THE 80 PATIENTS CAME

Alamance	3	Moore	3
Anson	3	New Hanover	1
Bertie	2	Northampton	3
Bladen	2	Orange	2
Cabarrus	1	Pamlico	1
Cumberland	4	Pitt	4
Davidson	1	Polk	1
Durham	2	Richmond	3
Edgecombe	3	Robeson	1
Gaston	4	Rowan	3
Halifax	3	Scotland	7
Harnett	1	Surry	1
Hoke	1	Wake	5
Johnston	1	Warren	1
Lenoir	1	Wayne	7
Martin	1	Wilson	1
Mecklenburg	2	Marlboro County, S. C.	1



Main Kitchen

TOWNS FROM WHICH THE 80 PATIENTS CAME

Bennettsville, S. C.	1	Littleton	2
Bladenboro	1	Manchester	1
Burlington	3	Method	1
Chapel Hill	2	Milwaukee	1
Charlotte	1	Morven	2
Clarkton	1	Mount Olive	3
Clayton	1	Niagra	1
Concord	1	Oriental	1
Dodson	1	Pinehurst	1
Dudley	1	Raeford	1
Durham	2	Raleigh	3
Elberon	1	Rich Square	2
Ellerbe	1	Rockingham	1
Farmville	1	Rocky Mount	2
Fayetteville	3	Saint Paul	1
Gastonia	4	Salisbury	3
Goldsboro	3	Scotland Neck	1
Greenville	1	Southern Pines	1
Hamilton	1	Tarboro	1
Hamlet	1	Tryon	1
Huntersville	1	Wadesboro	1
Kinston	1	Wake Forest	1
Laurel Hill	1	Wilmington	1
Laurinburg	6	Wilson	1
Lewiston	1	Windsor	1
Lexington	1	Winterville	2
Lillington	1		

SUMMARY MEDICAL REPORT

Patients admitted:		
Minimal	6	
Moderately advanced	18	
Far advanced	59	
Not classified	4	
Not tuberculous	0	
Total	87	
Patients discharged:		
Arrested	0	
Apparently arrested	0	
Quiescent	13	
Improved	27	
Unimproved	27	
Died	13	
Not classified	0	
Not tuberculous	2	
Total	80	
Hospital days		10,097

Stereoroentgenograms of chest (Sanatorium patients)	89
Stereoroentgenograms of chest (outside patients)	12
Roentgenograms, other parts of body	7
Total	108
X-ray treatments	25

LABORATORY REPORT

Sputanalyses:		
Micros	147	
Chem.	11	
Total		158
Urinalyses:		
Micros	118	
Chem.	118	
Total		236
Blood:		
W. B. C.	89	
R. B. C.	88	
Differential count	89	
Hemoglobin	88	
Color Index	88	
Malaria	86	
Wassermanns	126	
Kahn tests	18	
Tubercumet test	10	
Urea	2	
Total		684
Feces	83	
Fractional Ewalds	2	
Diazo	1	
Pleural fluid	6	
Pleural fluid culture	1	
Phthaleins	4	
Vaginal smears	8	
Fluid from leg	2	
Throat smear	1	
Urethral smear	1	
Spinal fluid	4	
Total		113
Total examinations and tests		1,191

COLORED DIVISION

PERSONS FROM WHOM DONATIONS WERE RECEIVED

Books, Magazines and Newspapers:

Mrs. Andrews, Hamilton, N. C.
Prof. Benjamin Brawley, Raleigh, N. C.
Mr. W. C. Harris, Salisbury, N. C.
Mr. W. A. Young, Raleigh, N. C.
Prof. J. H. Bias, New York City
Prof. A. T. Bluford, Greensboro, N. C.
Prof. W. S. Turner, Raleigh, N. C.
Dr. P. W. Moore, Elizabeth City, N. C.
Prof. Harold Trigg, Method, N. C.
Peter Pan Club, Goldsboro, N. C.
Lend a Hand Club, (through Miss Annie F. Brown), Boston Mass.

Fruits, Candies and Nuts:

Mr. B. F. Ousley, Dudley, N. C.
Eastwood School, Raeford, N. C.
Mrs. Sarah E. Best, Warsaw, N. C.
Miss Streeter, Supervisor, Gaston County.
Woman's Club, Raleigh, N. C.
Miss Annie F. Brown, Boston, Mass.

Victrola Records:

Miss Mercie Wheeler, Raleigh, N. C.

Christmas Cards:

Miss F. L. Carter, Addor, N. C.

Cash Donations:

Dr. J. E. Sheppard, Durham, N. C.
Woman's Auxiliary of Presbyterian Church, Wilson, N. C.
Dr. S. G. Atkins, Winston-Salem, N. C.
Woman's Club, Durham, N. C.
Woman's Club, Raleigh, N. C.
Rev. T. A. Cheatham, Pittsburg, Pa.
Miss Ethel Thompson, Supervisor, Lumberton, N. C.
Mr. H. H. Rackham, Detroit, Michigan (Pinehurst)
Dorcas Society, Durham, N. C.
Mr. C. C. Spaulding, Durham, N. C.

ORGANIZATIONS AND PERSONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Red Cross, Fayetteville	2
American Red Cross, Raleigh	2
American Red Cross, Windsor	1
Baptist Church, White Rock	1
Baptist Church, Youngsville	1
Board of County Commissioners, Davidson	1
Board of County Commissioners, Gaston	3
Board of County Commissioners, Mecklenburg	1
Board of County Commissioners, Surry	1
Bureau of Social Service, Greensboro	1
Mr. Barbour, Raleigh	1
Mrs. A. M. Fairley, Laurinburg	2
Superintendent of Public Welfare, Anson	3
Superintendent of Public Welfare, Moore	1
Tuberculosis Association, Goldsboro	3

PRISON DIVISION

MEDICAL REPORT

1926

STATISTICAL

Number of patients to be reported on	21
Number not classified	0
Number not tuberculous	7
Number of patients in Sanatorium July 1, 1926	17
Total number of patients treated during the twelve months	45

SUMMARY MEDICAL REPORT

Patients admitted:		
Minimal	6	
Moderately advanced	5	
Far advanced	12	
Not classified	3	
Not tuberculous	5	
Total	31	
Patients discharged:		
Arrested	0	
Apparently arrested	1	
Quiescent	9	
Improved	8	
Unimproved	0	
Died	3	
Not classified	0	
Not tuberculous	7	
Total	28	
Hospital days		5,449

REPORT OF X-RAY LABORATORY

Stereoroentgenograms of chest (Sanatorium patients)	34
Stereoroentgenograms of chest (outside patients)	15
Total	49

LABORATORY REPORT

Sputanalyses:		
Micros	98	
Chem.	60	
Total		158
Urinalyses:		
Micros	30	
Chem.	37	
Total		76

Blood:		
W. B. C.	33	
R. B. C.	32	
Differential count	32	
Hemoglobin	32	
Color Index	32	
Malaria	32	
Wassermann test	33	
Kahn test	7	
Culture	1	
Tubercumet test	3	
Widal test	2	
Total		239
Feces	36	
Pleural fluid	7	
Prostatic fluid	2	
Smear from leg	1	
Culture from leg	1	
Total		47
Total examinations and tests		520

REPORT OF AUDITOR

EXHIBITS

A. Condensed Balance Sheet at June 30, 1926.

B. Revenue and Expense—Maintenance Fund, for the year ended June 30, 1926.

B-1. Revenue and Expense—Extension Fund, for the year ended June 30, 1926.

C. Revenue and Expense—Permanent Improvement Fund, for the year ended June 30, 1926.

D. Receipts and Disbursements—Maintenance Fund, for the year ended June 30, 1926.

E. Receipts and Disbursements—Permanent Improvement Fund, for the year ended June 30, 1926.

F. Receipts and Disbursements—Extension Fund, for the year ended June 30, 1926.

SCHEDULES

A-1. Inventories at June 30, 1926.

A-2. Prepaid Expenses at June 30, 1926.

A-3. Accounts Receivable at June 30, 1926.

A-4. Plant and Equipment at June 30, 1926.

D-1. Reconciliation with the Treasury at June 30, 1926.

D-2. Outstanding Checks at June 30, 1926.

D-3. Compensation of Salaried Employees for the year ended June 30, 1926.

D-4. Per Capita Costs for the year ended June 30, 1926.

EXHIBIT A

CONDENSED BALANCE SHEET
AT JUNE 30, 1926

MAINTENANCE FUND

Assets:		
Unexpended Revenue—Exhibit B	$ 37,330.33	
Inventories—Schedule A-1	28,890.19	
Prepaid Expenses—Schedule A-2	20.00	
Equipment—Schedule A-4	158,831.60	
Total assets		$ 225,072.12
Liabilities:		
Accounts Payable—Schedule A-3	$ 6,915.85	
Surplus	218,156.27	
Total liabilities		$ 225,072.12

EXTENSION FUND

Assets:		
Due from Appropriation—Exhibit B-1	$ 3,079.66	
Inventories—Schedule A-1	3,795.16	
Equipment—Schedule A-4	5,356.51	
Total assets		$ 12,231.33
Liabilities:		
Surplus		$ 12,231.33

PERMANENT IMPROVEMENT FUND

Assets:		
Due from Appropriation—Exhibit C	$ 95,074.63	
Plant and Equipment—Schedule A-4	1,067,018.54	
Total assets		$ 1,162,093.17
Liabilities:		
Surplus		$ 1,162,093.17

Foyer (Colored Division)

EXHIBIT B

REVENUE AND EXPENSE—MAINTENANCE FUND

YEAR ENDED JUNE 30, 1926

Revenue Received:		
State Appropriation granted	$ 145,000.00	
From Earnings (Details Exhibit D)	112,292.75	
Cash Balance at July 1, 1925	4,789.32	
Total revenue		$ 262,082.07
Expenses—Disbursed (Exhibit D):		
Office and Administration	$ 15,612.48	
Subsistence	66,105.57	
Housekeeping	16,651.05	
Laundering	3,875.43	
Medical and Surgical Care	14,558.76	
Nursing and Attendance	7,665.45	
Light, Heat, Power and Water	33,067.35	
Care Buildings, Grounds, etc	21,385.00	
Instructional	293.07	
Recreational	443.32	
Agricultural	36,144.84	
Total expense		215,802.32
		$ 46,279.75
Less:		
Deficit of 1923—Per audit report of 1924-1925—Schedule C		8,949.42
Excess of Revenue over expense		$ 37,330.33

EXHIBIT B-1

REVENUE AND EXPENSE—EXTENSION FUND

YEAR ENDED JUNE 30, 1926

Revenue:		
State Appropriation		$ 20,000.00
Expense:		
Office and administration	$ 11,332.94	
Medical and surgical care	5,544.40	
Care of buildings, grounds, etc	11.25	
Instructional	31.75	
Total expense		16,920.34
Due on appropriation June 30, 1926		$ 3,079.66

EXHIBIT C

REVENUE AND EXPENSE—PERMANENT IMPROVEMENT

YEAR ENDED JUNE 30, 1926

Revenue:		
State Appropriation		$ 137,000.00
Cash Balance at July 1, 1925		16,314.63
Additional Allowed per Audit Report 1924-1925		8,949.42
Contractors Bond Forfeited		1,540.96
		$ 163,805.01
Expenditures:		
Nurses Home Number 2	$ 41,027.79	
Water purifying plant	693.62	
Prison building	30.95	
Children's building (a)	26,895.52	
Expense of bond sale	82.50	
Total expense		68,730.38
Due on appropriation June 30, 1926		$ 95,074.63

NOTE. Item above designated (a) is amount paid upon contract for Children's Building which is to be completed about December, 1926. Contract for $94,168.40.

EXHIBIT D

RECEIPTS AND DISBURSEMENTS—MAINTENANCE FUND

YEAR ENDED JUNE 30, 1926

RECEIPTS

State Appropriation			$ 98,712.03
Office and Administration:			
1301 Telephone and telegraph	$ 272.22		
1508 Advertising	290.44		
1501 Newspaper subscriptions	405.00		
1601 Sales of gasoline	1,110.05		
2403 Refunds	434.12		
Total office and administration			2,511.83
Subsistence:			
1203 Food			3,731.41
Housekeeping:			
1202 Household supplies	$ 2,416.45		
1222 Sale coats	22.00		
Total housekeeping			2,438.45
Laundering:			
1205 Laundry supplies			2,348.45
Medical and Surgical Care:			
1207 Drugs and medicine	$ 164.76		
1208 X-Ray examinations	4,213.68		
1208 Chest examinations	535.00		
Total medical and surgical			4,913.44
Care of Buildings, Grounds, Etc.:			
1902 Rent of postoffice			90.00
Agricultural:			
1214 Farm supplies			3,772.87
Board and Treatment			92,486.30
Total receipts			$ 211,004.78
Cash Balance July 1, 1925:			
In safe	$ 4,400.00		
Balance—Page Trust Co., Aberdeen	392.32		
Less:	$ 4,792.32		
Overdraft Page Trust Co., Raeford	3.00		
			4,789.32
			$ 215,794.10

DISBURSEMENTS

Office and Administration:		
1101 Executive salaries	$ 1,999.92	
1103 Clerical salaries	3,264.15	
1109 Per diems and fees	1,085.06	
1201 Office supplies	272.15	
1301 Postage	502.59	
1302 Telephone and telegraph	684.02	
1401 Hotels and meals	8.00	
1402 Railroad and other fares	13.90	
1501 Printing: Stationery, etc.	513.74	
1502 Printing: Reports, etc.	20.20	
1505 Photographing and blueprinting	27.19	
1508 Publication of notices, etc.	106.65	

RECEIPTS AND DISBURSEMENTS—MAINTENANCE FUND—*Continued*

DISBURSEMENTS—*Continued*

1601	Motor vehicles—Upkeep	$ 3,494.14	
2203	Premiums—Official bonds	30.00	
2403	Refunds	2,364.17	
3101	Office equipment—Furnishings	203.06	
3107	Motor vehicles—Purchases	1,023.54	
	Total office and administrative		$ 15,612.48
Subsistence:			
1105	Supervisors' salaries	$ 1,825.00	
1106	Skilled labor	3,654.80	
1107	Unskilled labor	6,842.61	
1203	Food	3.34	
1203A	Meat, fish, fowl	24,819.56	
1203B	Dairy Products and Eggs	6,096.72	
1203C	Cereal food products	4,900.79	
1203D	Vegetables	6,651.59	
1203E	Fruits and nuts	4,735.46	
1203F	Saccharine products	1,042.36	
1203G	Beverages	1,257.93	
1203H	Condiments, flavors, etc.	1,009.99	
1203I	Fats, oils and miscellaneous	1,968.87	
3103	Dining and kitchen equipment	1,296.55	
	Total subsistence		66,105.57
Housekeeping:			
1105	Supervisors' salaries	$ 1,020.00	
1107	Unskilled labor	6,953.85	
1202	Cleaning and household supplies	5,257.05	
1204	Sewing supplies and dry goods	31.17	
1217	Ice and other refrigeration supplies	54.36	
1222	Wearing apparel—Purchased	288.60	
1223	Miscellaneous fuel	16.00	
3102	Institutional furniture and furnishings	1,277.11	
3104	Bedding and linens	1,281.51	
3117	Refrigeration equipment	80.39	
3120	Electrical equipment	391.01	
	Total housekeeping		16,651.05
Laundering:			
1105	Supervisors' salaries	$ 1,408.75	
1107	Unskilled labor	1,842.00	
1205	Laundry supplies	436.26	
3105	Laundry equipment	188.42	
	Total laundering		3,875.43
Medical and Surgical Care:			
1102	Professional and technical salaries	$ 9,585.00	
1206	Medical and surgical supplies	509.44	
1207	Drugs and medicines	1,867.35	
1208	Laboratory supplies, etc.	1,774.77	
3106	Medical and surgical equipment	654.70	
3108	Laboratory equipment	167.50	
	Total medical and surgical		14,558.76
Nursing and Attendance:			
1102	Professional and technical salaries	$ 3,825.00	
1105	Supervisors' salaries	426.75	
1107	Unskilled labor	3,413.70	
	Total nursing and attendance		7,665.45

RECEIPTS AND DISBURSEMENTS—MAINTENANCE FUND—*Continued*

DISBURSEMENTS—*Continued*

Light Heat, Power and Wat				
1106	Skilled labor	$ 5,045.00		
1107	Unskilled labor	2,117.75		
1218	Power and heating plant supplies	1,192.88		
1224	Coal	12,798.66		
1701	Light, power and water	10,176.00		
3118	Power and heating plant equipment	1,737.06		
	Total light, heat, power and water		$ 33,067.35	
Care of Buildings, Grounds and Equipment:				
1105	Supervisors' salaries	$ 3,120.00		
1106	Skilled labor	396.50		
1107	Unskilled labor	855.00		
1213	Botanical and grounds supplies	334.60		
1219	Plumbing supplies, etc	817.56		
1220	Electrical supplies, etc	622.64		
1221	General supplies—Materials	6,173.27		
1801	Repairs to equipment and fixtures	267.10		
1802	Repairs to buildings and structures	8,009.74		
3121	General equipment	788.59		
	Total care of buildings, grounds and equipment		21,385.00	
Instructional:				
1209	Classroom and teachers' supplies	$ 50.62		
1210	Library supplies	13.50		
3110	Library equipment and stock	228.95		
	Total instructional		293.07	
Recreational:				
1107	Unskilled labor	$ 23.00		
1212	Recreational supplies	82.77		
3112	Recreational equipment	337.55		
	Total recreational		443.32	
Agricultural:				
1105	Supervisors' salaries	$ 2,700.00		
1106	Skilled labor	2,125.38		
1107	Unskilled labor	6,798.51		
1214	Farm and dairy supplies	8,787.64		
1215	Forage and supplies for animals	2,217.55		
1601	Motor vehicles—Upkeep	1,416.66		
1801	Repairs to equipment and fixtures	60.54		
1802	Repairs to buildings and structures	1,101.93		
3107	Motor vehicles—Purchase	467.00		
3114	Farm equipment	1,230.77		
3115	Livestock	450.87		
1105D	Salary dairy foreman	1,200.00		
1106D	Skilled labor	1,680.00		
1214D	Dairy supplies	658.83		
1215D	Forage	4,205.62		
1214H	Hog supplies	55.40		
3114D	Dairy equipment	309.78		
3114H	Hog equipment	353.36		
3115D	Dairy livestock	325.00		
	Total agricultural		36,144.84	
	Total disbursements			$ 215,802.32
Overdraft at June 30, 1926				$ 8.22

EXHIBIT E

RECEIPTS AND DISBURSEMENTS—PERMANENT IMPROVEMENT FUND
YEAR ENDED JUNE 30, 1926

RECEIPTS

State Appropriation		$ 52,333.25
Cash balance at July 1, 1925		16,314.63
Total receipts		$ 68,647.88

DISBURSEMENTS

Nurses home number 2	$ 41,027.79	
Water purifying plant	693.62	
Prison building	30.95	
Children's building (a)	26,895.52	
Total disbursements		$ 68,647.88

NOTE. The item above designated (a) shows total payments made upon contract

for new Children's Building of	$ 80,445.00
Plumbing and heating	8,763.00
Architects fee	4,960.40
Total	$ 94,168.40

EXHIBIT F

RECEIPTS AND DISBURSEMENTS—EXTENSION FUND
YEAR ENDED JUNE 30, 1926

RECEIPTS

State appropriation	$ 16,920.34

DISBURSEMENTS

Office and Administration:			
1101 Executive salaries	$ 3,000.00		
1103 Clerical salaries	3,071.80		
1103P Clerical salaries	58.68		
1201P Office supplies	5.45		
1109 Per diems and fees	550.00		
1201 Office supplies	194.43		
1301P Postage	33.13		
1302 Postage	628.65		
1401 Hotels and meals	1,308.47		
1402 Railroad and other fares	892.85		
1501 Printing, stationery, etc.	678.03		
1502 Printing, reports, bulletins, etc.	75.33		
1501P Printing, newspaper	798.72		
1505 Photographing—Blueprinting	7.73		
1601 Motor vehicles—Upkeep	4.75		
3101 Office equipment—Furnishings	24.92		
		$ 11,332.94	
Medical and Surgical Care:			
1102 Professional and technical salaries	$ 4,825.00		
1206 Medical and surgical supplies	719.40		
		5,544.40	
Care of Buildings, Grounds and Equipment:			
1801 Repairs to equipment		11.25	
Instructional:			
3110 Library equipment and stock	$ 27.75		
1210 Library supplies	4.00		
		31.75	
			$ 16,920.34

SCHEDULE A-1

INVENTORIES

YEAR ENDED JUNE 30, 1926

MAINTENANCE:			
Office and Administration:			
1201 Office supplies		$ 24.45	
1301 Postage		10.07	
1501 Stationery and forms		722.09	
1601 Motor vehicles—Upkeep		105.86	
			$ 862.47
Subsistence:			
1203 Food supplies			5,331.11
Housekeeping:			
1202 Cleaning and household supplies		$ 6,294.48	
1204 Sewing supplies and dry goods		5.00	
1217 Ice and other refrigeration supplies		43.00	
1222 Wearing apparel		233.90	
1223 Miscellaneous fuel		5.40	
1229 Plumbing supplies		50.00	
			6,631.78
Laundering:			
1205 Laundry supplies			496.28
Medical and Surgical Care:			
1206 Medical and surgical supplies		$ 497.32	
1207 Drugs and medicines		3,000.00	
1208 Laboratory supplies		685.00	
			4,182.32
Light, Heat, Power and Water:			
1218 Power and heating plant supplies		$ 408.14	
1224 Coal		390.00	
			798.14
Care of Buildings, Grounds, etc.:			
1219 Plumbing supplies		$ 80.80	
1220 Electrical supplies		132.54	
1221 General supplies		849.55	
			1,062.89
Agricultural:			
1214 Farm and dairy supplies		$ 4,135.90	
1215 Forage and supplies for animals		40.00	
1601 Motor vehicles—Upkeep		62.00	
1215D Dairy supplies		5,033.68	
1214H Hog supplies		28.62	
			9,300.20
Instructional:			
3110 Training school books			225.00
Total maintenance per Exhibit A			$ 28,890.19
EXTENSION:			
Office and Administration:			
1201 Office supplies	$ 2,792.65		
1301 Postage	2.51		
1501 Stationery and office forms	1,000.00		
		$ 3,795.16	
Total extension per Exhibit A			$ 3,795.16
Total			$ 32,685.35

SCHEDULE A-2

PREPAID EXPENSES
YEAR ENDED JUNE 30, 1926

Premium on bond	$ 20.00

SCHEDULE A-3

ACCOUNTS PAYABLE
YEAR ENDED JUNE 30, 1926

Account	To Whom Payable		Amount
Invoices			
1221-8	Burney Hardware Co.		$ 173.38
Orders			
1220-8	Carolina Power & Light Co.	$ 122.40	
1501-1	Department of Labor & Printing	12.00	
1501-1	Department of Labor & Printing	100.00	
1201-1	Dictaphone Sales Agency	7.20	
3104-3	John W. Fillman Co.	639.00	
1202-3	Hygienic Fibre Co. (a)	1,125.00	
3102-3	S. C. Johnson & Son	55.38	
1214-11	Ontario Drill Co.	6.00	
3102-3	Albert Pick & Co.	42.00	
1214-11	Page & Buchan	386.00	
1214-11	Raeford Hardware Co.	.50	
1601-1	Standard Oil Co.	31.49	
1221-8	Tuscon Steel Co.	8.00	
1224-8	White Oak Coal Co.	4,207.50	
			6,742.47
	Total per Exhibit A		$ 6,915.85

SCHEDULE A-4

PROPERTY, PLANT AND EQUIPMENT
YEAR ENDED JUNE 30, 1926

PERMANENT IMPROVEMENTS:	
Land and Buildings:	
Farm lands	$ 35,079.66
Prison Sanatorium land	40,087.08
Hospital grounds	20,000.00
Landscape	18,184.65
Administration and infirmary building	248,000.00
Negro Sanatorium building	106,356.28
Prison Sanatorium building	65,787.49
Dining hall and kitchen	108,438.41
Ice plant	13,050.00
Power plant and laundry building	121,053.46
Sewer system and disposal plant	14,861.15
Water works improvement	65,185.89
Dairy barns, silos and bottling plant	41,206.11
Superintendent's residence	9,500.00
Assistant superintendent's residence	11,800.00
Negro physician's residence	14,214.32

SCHEDULE A-4—*Continued*

PROPERTY, PLANT AND EQUIPMENT—*Continued*

PERMANENT IMPROVEMENTS—*Continued*		
Land and Buildings—*Continued*		
New nurses home	$ 41,527.79	
Old nurses home	11,400.00	
Nurses annex	3,197.00	
Flannagan cottage	16,000.00	
Jordan cottage	7,125.00	
Spruill cottage	4,165.00	
Sunshine cottage	3,150.00	
Servants cottage	10,800.00	
Farm residence	3,000.00	
Farm tenant houses	5,304.05	
Brick garage	468.22	
Doctors garage	1,171.46	
Children's building (not completed)	26,895.52	
Total permanent improvement—Exhibit A		$ 1,067,018.54
MAINTENANCE:		
Equipment:		
Office furniture and fixtures	$ 1,339.28	
Hospital furniture and fixtures	26,928.47	
Library furniture and fixtures	1,135.00	
Dining room and kitchen equipment	22,326.39	
Bedding and linen	12,201.58	
Refrigeration equipment	1,186.29	
Telephone system	6,979.36	
Laundry equipment	24,047.21	
Laboratory equipment	14,799.21	
Light, heat and power plant equipment	3,892.64	
Autos and trucks	3,023.54	
Construction equipment	60.00	
General equipment	5,335.19	
Farm motor vehicles	1,412.00	
Farm machinery and equipment	7,443.60	
Farm livestock	2,700.00	
Dairy livestock	12,335.00	
Dairy equipment	2,423.13	
Hogs	6,797.00	
Hog equipment	2,129.16	
Recreational equipment	337.55	
Total maintenance—Exhibit A		158,831.60
EXTENSION:		
Equipment:		
Office furniture and fixtures—Exhibit A		5,356.51
		$ 1,231,206.65

SCHEDULE D-1

RECONCILIATION WITH THE TREASURER
YEAR ENDED JUNE 30, 1926

Outstanding Checks, Schedule D-2:	
Maintenance fund Schedule D-2	$ 15,833.69
Extension fund Schedule D-2	1,029.53
	$ 16,863.22
Less:	
Overdraft on books at June 30, 1926	8.22
	$ 16,855.00
Less:	
Deposits not credited by bank until July	8,883.35
Treasurer's balance—Page Trust Co., Aberdeen, N. C. at June 30, 1926	$ 7,971.65

Open Air Porch (Colored Division)

SCHEDULE D-2

OUTSTANDING CHECKS—MAINTENANCE FUND

Number	Amount		
1891	$ 230.00		
2250	4.75		
2402	3.02		
2404	19.60		
3909	3.94		
5184	31.04		
5646	169.95		
6091	8.88		
6107	7.75		
6215	19.70		
6216	75.85		
6266	37.50		
6341	20.00		
6350	23.25		
6351	26.50		
6371	100.00		
6372	35.90		
6373	10.00		
6374	5.00		
6375	186.00		
6376	22.15		
6379	7.51		
6380	4.05		
6381	.60		
6384	61.10		
6385	58.41		
6386	41.16		
6387	35.80		
6388	27.70		
6389	156.92		
6390	131.96		
6391	5.68		
6392	30.00		
6393	171.50		
6394	1.68		
6395	13.65		
6396	.95		
6397	41.18		
6398	1.65		
6399	212.08		
6400	22.15		
6401	99.98		
6402	53.96		
6403	5.91		
6404	24.50		
6405	69.78		
6406	613.79		
6407	80.29		
6408	38.33		
6409	82.30		
6410	303.31		
6411	28.07		
6412	46.66		
6413	97.51		
6414	3.56		
6415	45.00		

SCHEDULE D-2—*Continued*

OUTSTANDING CHECKS—*Continued*

Number	Amount		
6416	$ 12.86		
6417	23.90		
6418	56.15		
6419	29.25		
6420	2.28		
6421	10.48		
6422	11.69		
6423	417.21		
6424	143.01		
6430	166.66		
6431	175.00		
6432	16.65		
6433	150.00		
6434	150.00		
6435	40.00		
6436	115.00		
6437	250.00		
6438	200.00		
6439	150.00		
6440	50.00		
6441	70.00		
6442	75.00		
6443	150.00		
6444	100.00		
6445	75.00		
6446	75.00		
6447	150.00		
6448	240.00		
6449	75.00		
6450	225.00		
6451	240.00		
6452	100.00		
6453	25.00		
6454	45.00		
6455	50.00		
6456	5.00		
6458	66.96		
6459	25.83		
6460	72.93		
6461	13.76		
6463	22.00		
6464	7.50		
6465	23.46		
6466	91.12		
6467	100.98		
6468	11.25		
6470	28.65		
6471	42.01		
6472	8.50		
6473	46.74		
6474	26.20		
6476	5.85		
6477	6.00		
6478	80.40		
6479	5.04		
6480	93.17		
6481	75.00		

SCHEDULE D-2—*Continued*

OUTSTANDING CHECKS—*Continued*

Number	Amount		
6483	$ 4.80		
6484	10.87		
6485	82.40		
6486	103.72		
6487	34.50		
6488	6.00		
6489	225.80		
6491	15.00		
6492	1.50		
6493	12.34		
6494	11.87		
6495	373.48		
6496	21.10		
6497	41.50		
6498	66.60		
6499	207.80		
6500	34.30		
6501	530.14		
6502	123.59		
6503	106.60		
6504	78.66		
6505	50.00		
6506	41.16		
6507	18.60		
6508	51.58		
6509	110.05		
6510	22.20		
6511	80.63		
6512	288.83		
6513	67.25		
6514	1,277.40		
6515	34.00		
6516	9.73		
6518	867.00		
6519	1,041.37		
6520	.80		
6521	15.50		
6522	35.41		
6523	58.00		
6525	38.50		
6526	.50		
6527	12.64		
6528	64.46		
6529	120.50		
6530	9.10		
6524	102.71		
6531	275.50		
6532	29.60		
6533	37.50		
6534	3.63		
6535	17.50		
6536	42.90		
6537	11.88		
6538	8.10		
6539	15.00		
6540	25.95		
6541	28.80		
6542	12.28		
6543	4.00		

SCHEDULE D-2—*Continued*

OUTSTANDING CHECKS—*Continued*

Number	Amount		
6544	$ 5.45		
6545	13.47		
6547	39.05		
6548	208.62		
6551	31.14		
6552	4.44		
6553	1.17		
6554	50.49		
6555	26.31		
6556	1.81		
6557	23.00		
6558	22.66		
		$ 15,833.69	
EXTENSION FUND:			
6377	$ 27.36		
6379	15.00		
6382	5.00		
6383	42.49		
6425	250.00		
6426	250.00		
6427	25.00		
6428	100.00		
6429	60.00		
6457	37.06		
6462	25.10		
6469	4.00		
6475	3.33		
6482	20.00		
6490	151.85		
6517	13.34		
		1,029.53	
Per Schedule D-1			$ 16,863.22

SCHEDULE D-3

COMPENSATION OF SALARIED EMPLOYEES
YEAR ENDED JUNE 30, 1926

		Salary	Commutation
OFFICE AND ADMINISTRATIVE:			
Executive:			
Dr. P. M. McCain, superintendent		$ 4,999.92	A
Clerical:			
F. L. Eubanks, bookkeeper	$ 2,100.00		RWT
C. C. Moss, clerk	537.00		A
E. B. Satterwhite, clerk	566.65		A
T. C. Gray, clerk	56.00		None
Mrs. H. O. Sink, stenographer	1,000.00		A
Mrs. C. W. Covington, stenographer	1,200.00		ML
Miss S. Brabble, stenographer	720.00		A
Miss S. Pyatt, editor	125.00		A
Miss A. Callahan, stenographer	36.50		A
Extra help	53.48		None
		6,394.63	
Total office and administrative		$ 11,394.55	
SUBSISTENCE:			
Supervisors' Salaries:			
F. D. Cliff, steward	$ 1,800.00		HM
Raymond Ward	25.00		A
		$ 1,825.00	
Skilled labor		3,654.80	A
Total subsistence		$ 5,479.80	
HOUSEKEEPING:			
Supervisors' Salaries:			
Miss E. Connolly, superintendent nurses	$ 300.00		A
Mrs. M. Flannigan	480.00		A
Mrs. C. E. Broadfoot, colored	240.00		A
		$ 1,020.00	
Total housekeeping		$ 1,020.00	
LAUNDERING:			
Supervisors' Salaries:			
David Pirie, Jr., laundryman	$ 1,293.75		A
J. A Jordan	115.00		RWT
		$ 1,408.75	
Total laundering		$ 1,408.75	
MEDICAL AND SURGICAL CARE:			
Professional and Technical Salaries:			
Dr. S. M. Bittinger	$ 3,000.00		A
Dr. S. E. Lee	3,000.00		A
Dr. J. H. Williams	2,400.00		A
Dr. P. A. Yoder	2,250.00		A
Dr. D. R. Perry	700.00		None
Dr. W. E. Byerly	525.00		A
		$ 11,875.00	
J. F. Simpson, technician	$ 1,750.00		A
Miss Maude Mann, nurse	600.00		A
Extra nurses	185.00		A
		$ 2,535.00	

SCHEDULE D-3—*Continued*

COMPENSATION OF SALARIED EMPLOYEES—*Continued*

		Salary	Commutation
NURSING AND ATTENDANCE:			
Professional and Technical Salaries:			
Miss E. Connally, suprintendent of nurses	$ 1,375.00		A
Miss C. E. Broadfoot, nurse	960.00		A
Miss Sue Burton, nurse	745.00		A
Miss K. Satterwhite, nurse	390.00		A
Miss L. Hooker, nurse	330.00		A
Mrs. J. F. Simpson, assistant	25.00		None
		$ 3,825.00	
Supervisors' Salaries:			
L. J. Taylor, colored	$ 240.00		A
Sara Sawyer	12.75		A
Mrs. Whitehead	90.00		A
Miss Ethel Smithey	84.00		A
		426.75	
Total nursing and attendance		$ 4,251.75	
LIGHT, HEAT, POWER AND WATER:			
Skilled Labor:			
I. E. McAnulty, engineer	$ 1,800.00		HWT
A. B. Freeman	1,200.00		HWT
J. H. McAnulty	900.00		None
C. E. Hall	835.00		None
J. K. Lineberry	125.00		None
Abe Corbett	75.00		HWT
Sundry payroll	110.00		None
		$ 5,045.00	
Total light, heat, power and water		$ 5,045.00	
CARE OF BUILDINGS, GROUNDS AND EQUIPMENT:			
Supervisors' Salary:			
W. G. Smith		$ 3,120.00	None
Skilled labor—payroll		396.50	None
Total—care of buildings		$ 3,516.50	
Agricultural:			
E. B. Garrett—Farm		$ 2,700.00	HWT
W. R. Baird and family—Dairy		1,200.00	HWT
Skilled labor—Farm		2,125.38	HWT
Skilled labor—Dairy		1,680.00	HWT
Total agricultural		$ 7,705.38	
Total		$ 54,231.73	

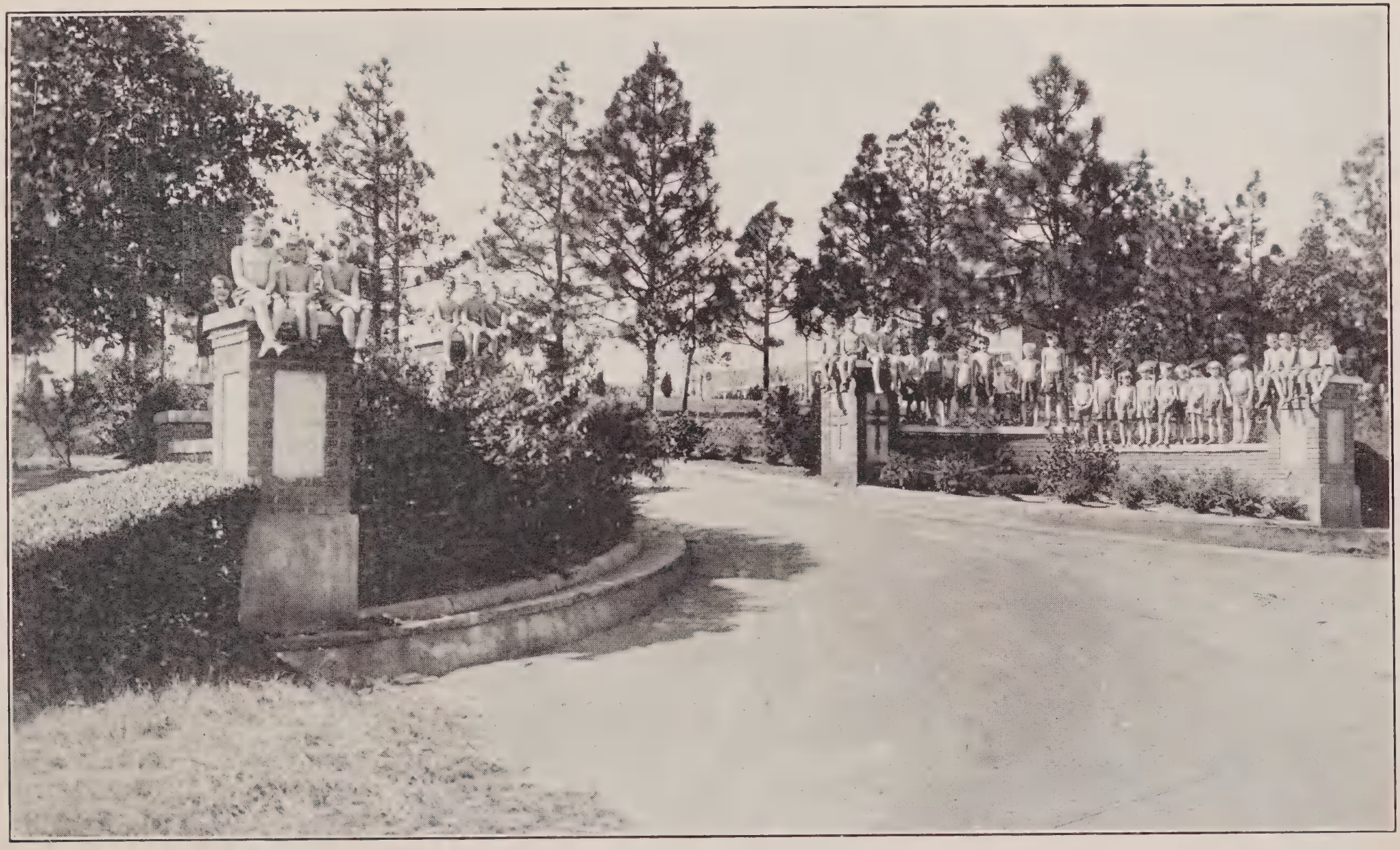
NOTE. Key to Commutation letters are as follow: H. House; F. Furnishings; W. Light and Water; T. Heat and Fuel; A. All household expenses; U. Auto upkeep; P. Provisions; G. Garden Produce; E. Garden plot; C. Milk; D. Drugs, etc.; R. Rooms; B. Board; M. Meat or Meals; L. Laundry; S. Servants; Q. Other Personal Service; O. Telephone.

SCHEDULE D-4

PER CAPITA COSTS
YEAR ENDED JUNE 30, 1926

	Expenditures Maintenance	Less Sales Etc.	Net Expenditures	Per Capita Cost
Operating:				
Office and administration	$ 15,612.48	$ 2,511.83	$ 13,100.65	$ .1635
Subsistence	66,105.57	3,731.41	62,374.16	.7780
Housekeeping	16,651.05	2,438.45	14,212.60	.1773
Laundering	3,875.43	2,348.45	1,526.98	.0190
Medical and surgical care	14,558.76	4,913.61	9,645.15	.1204
Nursing and attendance	7,665.45		7,665.45	.0956
Light, heat, power and water	33,067.35		33,067.35	.4127
Care of buildings, grounds, etc.	21,385.00	90.00	21,295.00	.2657
Instructional	293.07		293.07	.0037
Recreational	433.32		443.32	.0055
Agricultural	36,144.84	3,772.87	32,371.97	.4039
	$ 215,802.32	$ 19,806.62	$ 195,995.70	$ 2.4453
Subsistence:				
1203A Meat, fish, fowl			$ 24,822.90	$ .3097
B Dairy products and eggs			6,096.72	.0760
C Cereal food products			4,900.79	.0611
D Vegetables			6,651.59	.0830
E Fruits and nuts			4,735.46	.0599
F Saccharine products			1,042.36	.0130
G Beverages			1,257.93	.0156
H Condiments, flavors, etc.			1,009.99	.0126
I Fats and miscellaneous			1,968.87	.0245
			$ 52,486.61	$ 0.6554

Average number patients 219.54.
Number hospital days 80,132.



"Here's to the land of the long-leaf pine,
The summer land where the sun doth shine,
Where the weak grow strong and the strong grow great,
Here's to 'Down-Home,' the Old North State."

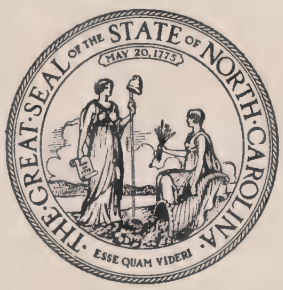
FOURTEENTH ANNUAL REPORT

of the

North Carolina Sanatorium

for the Treatment *of* Tuberculosis

SANATORIUM, N. C.



FOR THE PERIOD

From July 1, 1926, to June 30, 1927

Raleigh
Capital Printing Company
1928

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PERSONNEL

BOARD OF DIRECTORS

Dr. T. W. M. Long, *Chairman*	Roanoke Rapids
Mr. U. L. Spence, *Vice-Chairman*	Carthage
Mr. W. E. Harrison, *Secretary*	Rockingham
Dr. J. C. Braswell	Whitakers
Mr. J. R. Jones	Sanford
Mr. Jonas Oettinger	Wilson
Mr. A. B. Croom	Winston-Salem
Mrs. Max T. Payne	Greensboro
Mr. J. R. McQueen	Lakeview

Superintendent and Medical Director	P. P. McCain, M.D.
Assistant Superintendent and Resident Physician	S. M. Bittinger, M.D.
Assistant Physician	J. H. Williams, M.D.
Assistant Physician	W. G. Byerly, M.D.
Superintendent of Nurses	Miss Elizabeth Connolly, R.N.
Assistant Superintendent of Nurses	Miss Sue Burton
Dentist	E. M. Medlin, D.D.S.
Laboratory and X-ray Technician	J. F. Simpson, Ph.B.
Cashier and Purchasing Officer	F. L. Eubanks
Steward	F. D. Cliff
Farm Superintendent	E. B. Garrett
Superintendent of Nurses, Colored Division	Mrs. Carrie Broadfoot

EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM FOR THE TREATMENT OF TUBERCULOSIS

Director	P. P. McCain, M.D.
Clinic Physician	S. E. Lee, M.D.
Clinic Physician	P. A. Yoder, M.D.

CONSULTING STAFF

Orthopedic Surgeon	Dr. O. L. Miller	Gastonia
Surgery	Dr. Geo. W. Pressly	Charlotte
	Dr. J. F. Highsmith	Fayetteville
Eye, Ear, Nose and Throat	Dr. Jas. M. Lilly	Fayetteville
	Dr. Wm. S. Jordan	Fayetteville
	Dr. W. P. McKay	Fayetteville
Laryngologist	Dr. J. B. Greene	Asheville
Genito-urinary	Dr. A. J. Crowell	Charlotte
	Dr. J. D. Highsmith	Fayetteville
Pathology	Dr. Jas. B. Bullitt	Chapel Hill
Pharmacology	Dr. Wm. deB. MacNider	Chapel Hill

LETTER OF TRANSMITTAL

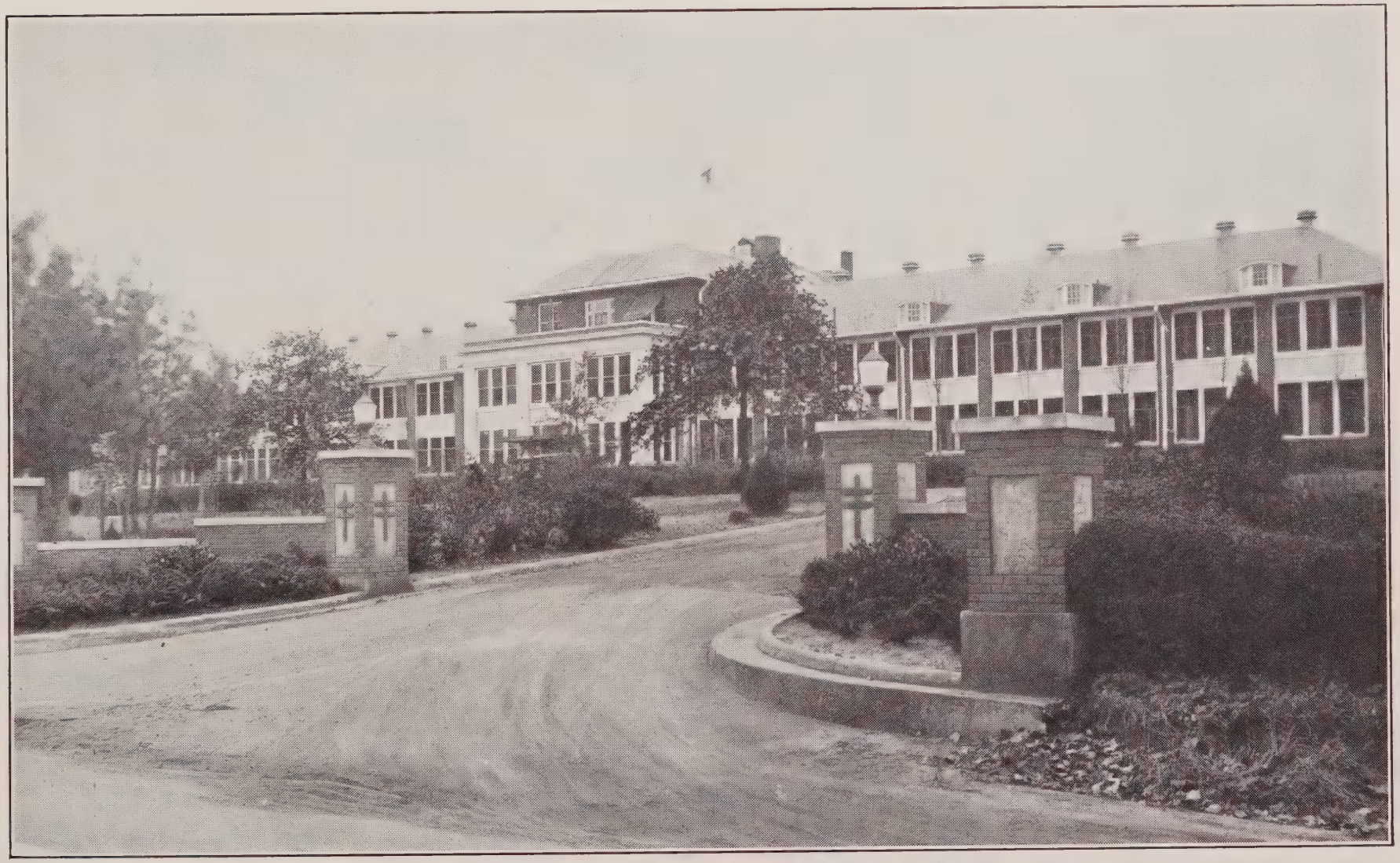
To His Excellency, Governor A. W. McLean, *Raleigh, N. C.*

Sir:—I have the honor to transmit herewith the report of the Superintendent of the operations of The North Carolina State Sanatorium for the Treatment of Tuberculosis for the fiscal year ending June 30, 1927.

The report of the Superintendent is accepted as the report of the Board of Directors.

Respectfully submitted,

T. W. M. Long,
Chairman, Board of Directors.



Main Entrance and Infirmary

Fourteenth Annual Report

of

The North Carolina Sanatorium

for the Treatment *of* Tuberculosis

Dr. T. W. M. Long, *Chairman, Board of Directors, North Carolina Sanatorium, Roanoke Rapids, N. C.*

Dear Dr. Long:—The Fourteenth Annual Report of The North Carolina Sanatorium for the Treatment of Tuberculosis, covering the period from July 1, 1926, through June 30, 1927, is herewith submitted.

In the four divisions of the institution we treated 833 patients during the year. Of this number, 290 remained at the close of the fiscal year; 15 remained so short a time that they could not be classified; 74 were discharged as not tuberculous; a detailed report will be found in the body of the report on the 460 tuberculous patients discharged.

At the close of the medical report will also be found a report showing the present condition of all patients remaining thirty days or more and discharged previous to January 1, 1927. Of the 3,122 patients, we have lost track of only 32, or 1.02 per cent. Nothing emphasizes more clearly the importance of an early diagnosis than does the contrast of results in the early and advanced cases. It is especially gratifying to us that The National Tuberculosis Association is to make the importance of early diagnosis the keynote of its campaign this year.

The opening of our Children's Building during January was the most important event of the year. The building is fireproof, has spacious sun-porches, lamp-rooms, schoolroom, playroom, an isolation floor, and separate dining-room and kitchen. The normal capacity is 48, but we had so many applications that after the closing of school we put 16 little patients in the school and playrooms.

Our efficient head nurse in the Children's Building, Miss Lonie Hooker, is a graduate both from the Sanatorium and also from our training school for nurses. Miss Grace Moore and Miss Ruth Watson, our teachers, are also Sanatorium graduates, and know the importance of emphasizing health in education.

We feel that one of the most important developments in tuberculosis in recent years is the advance which has been made in the diagnosis and treatment of intestinal tuberculosis. We have been making X-ray studies on all patients with suspicious symptoms of tuberculous enteritis and have employed routinely the quartz light, calcium chloride intravenously, and castor oil; and have been gratified at the improvement in almost every case. In a few the condition has been apparently arrested, and in practically all the symptoms are greatly relieved—

results which are most encouraging in a condition which until recently was considered entirely hopeless. We feel that the thing of greatest importance, as in every other tuberculous process, is to discover the condition early. We hope soon to be in a position to make serial gastro-intestinal X-ray studies on every adult patient admitted.

We are pleased that there were no changes in our medical staff during the year. Drs. S. M. Bittinger, J. H. Williams, and W. G. Byerly of the resident staff and Drs. S. E. Lee and P. A. Yoder, our clinic physicians, have all rendered faithful service and have our most appreciative thanks.

Under the capable guidance of Miss Elizabeth Connolly, our Superintendent of Nurses, our training school for nurses has functioned quite satisfactorily. We are having so many calls for our graduates that we cannot anything like supply the demand for them.

Last fall we also opened a training school for colored nurses, with Mrs. Carrie Broadfoot, who has been in charge of the nursing at the Colored Division for a number of years, as superintendent of nurses. We expect the training school to improve our own nursing service and also to help supply the demand in the State for trained colored tuberculosis nurses.

You will see from the statistical report that a good part of the time of both of our clinic physicians was devoted to tuberculosis clinics for school children. These clinics were held through the coöperation of the local health and school authorities and the Extension Department of the Sanatorium. All children whose parents would consent to their being examined were given the tuberculin test, and the positive reactors were given a complete physical examination and X-ray pictures were made of their chests—both anteroposterior and oblique exposures. As careful a history, including especially symptoms and exposure to tuberculosis, was also obtained. During the year we tested 7,841 children between six and fifteen years of age. We use the intracutaneous (Mantoux) test, giving 1/10 of a c.c. of a 1:1000 solution of Old Tuberculin. We found that 23.79 per cent of the total number gave a positive reaction, and that 1.92 per cent of the total number, or 8.1 per cent of the positive reactors, had clinical tuberculosis, practically all of them of the tracheobronchial type.

The Sanatorium Sun, our monthly paper published by the Extension Department of the Sanatorium, with Miss Sudie Pyatt as editor, has enjoyed a wide circulation in spite of the fact that we have had to continue the subscription charge of 25 cents per year to help meet expenses. The paper serves a most useful purpose by enabling us to disseminate a great deal of information on the cure and prevention of tuberculosis which would otherwise be impossible.

Last fall, under the supervision of Dr. B. F. Kaupp, head of the Department of Poultry at State College, we established a fully equipped

A Rare Scene At Sanatorium
(Children's Building in Background)

poultry plant. By securing eggs for hatching only from flocks which had been found after repeated tests to be disease free, we have succeeded in keeping our birds free of all disease, and have made a very satisfactory showing for the first year. During the coming year we expect to furnish enough eggs and chickens to supply our demands.

Our farm has been handicapped to a considerable extent again by the drouth. However, we have made enough ensilage and enough hay (oats, vetch, soja bean, and pea) to supply our needs; also, enough corn and oats to supply our stock and poultry plant and a good part of the meal for our dairy. Our peach crop was short on account of the late frost. According to the State Auditor, our farm showed a profit of $813.13.

Our permanent improvement appropriation for the present biennium is $190,000. The bulk of this is to be used for a fireproof building to accommodate 120 ladies. Other much-needed expenditures from this fund will be for the installation of steel casement windows in our main buildings, both in our white and colored units, and for doubling the capacity of our refrigerating and cold-storage plants.

Our daily per capita cost was $2.42 as compared with $2.445 last year. Our maintenance appropriation for the first year of the present biennium is $135,000 and for the second year $150,000. The appropriation for the Extension Department is $20,000 for each year. We are greatly in need of a sufficient increase in our Extension appropriation to enable us to employ two nurses to assist each of our clinic physicians.

To the heads of our various departments and to each of their assistants I wish to express my deep appreciation for their loyalty and coöperation.

We feel that the radio headphones to all of our bed cases have been of distinct therapeutic value as well as a source of great pleasure to our patients. The pleasure derived from them has been greatly enhanced since two of our patients, Messrs. Robert Widenhouse and William Matthews, installed a small broadcasting outfit (Station BUG) and connected it up with these headphones. The station is used for broadcasting to our patients local talent, the Sunday school lesson, and other religious services; and it is also connected up with a victrola and can be used for broadcasting any kind of victrola selections. Friends have donated both the machine and a great variety of records, altogether between three and four hundred. The loud speaker is disconnected so that the music can only be heard through the headphones, and those who do not wish to listen are not bothered by the noise. Station BUG enables us to get a good program at any time, whether the radio is coming in well or not. Mr. F. L. Eubanks, our cashier and purchasing agent, gives generously of his time and energies to secure the best radio programs.

Our friends have been unusually generous to us this year. They have brought to us a number of splendid entertainments of various kinds. The Charlotte Film Board of Trade has most generously continued to furnish us with first-class films without charge. The neighboring ministers have held religious services for us whenever called upon. We have received a great many gifts of various sorts. At Christmas last year the good ladies of Pinehurst gave to each of our 300 patients a most wonderful collection of gifts. To all of our friends we wish to express our deep appreciation.

To you and to all the other members of the Board I can never express the full measure of my appreciation for your loyal support and for your time and energies which all of you have given so unstintedly for the welfare of the institution.

Respectfully yours,

P. P. McCAIN, M.D.,

Superintendent and Director, Extension Department.

Nurses' Home

SUMMARY OF YEAR'S WORK

July 1, 1926—June 30, 1927

EXTENSION DEPARTMENT

Letters and postals received		18,935
Individual letters written		11,250
Multigraphed and mimeographed forms prepared		81
Number of copies multigraphed and mimeographed forms		54,873
Multigraphed and mimeographed letters mailed		8,134
Articles written (approximate number of words):		
Press	7,950	
Bulletin	1,150	
Sanatorium Sun	193,520	
		202,620
Copies Sanatorium Sun mailed		31,200
Articles copied (approximate number of words)		69,650
Patients' histories written		582
Approximate number of words in patients' histories		873,000
Blank cards mailed for reporting cases of tuberculosis		3,582
Number of cases reported:		
White	1,536	
Colored	735	
		2,271
Literature sent to reported cases		1,713
Other literature sent		17,097
Sputum cups distributed		279,300
Tuberculin sent physicians for von Pirquet test		533
Envelopes addressed		24,990
Enclosures sent out		12,442

REPORT OF P. P. McCAIN, M.D.

Days out of office	41
Addresses delivered	20
Number in audiences	1,200

REPORT OF COUNTY TUBERCULOSIS CLINIC

ADULT

S. E. Lee, M.D., *Clinic Physician*

Number of addresses delivered		4
Total audiences		380
Number of positive cases	283	
Number of probable cases	199	
Number of doubtful cases	93	
Number of negative cases	802	
		1,377
Number of white examinations	1,287	
Number of colored examinations	90	
Total number of examinations		1,377

P. A. Yoder, M.D., *Clinic Physician*

Number of addresses delivered		35
Total audiences		3,760
Number of positive cases	216	
Number of probable cases	69	
Number of doubtful cases	124	
Number of negative cases	522	
		931
Number of white examinations	789	
Number of colored examinations	142	
Total number of examinations		931

A Group of Positive Tuberculin Reactors from One of Our School Clinics Who Came to Sanatorium for X-Ray Pictures of Their Chests

REPORT OF CHILDREN'S TUBERCULOSIS CLINICS

S. E. Lee, M.D., *Clinic Physician*

	White	*Colored*	*Total*
Number given tuberculin test	2,776	202	2,978
Number positive reactors	717	42	759
Total number of physical examinations			715
Number children X-rayed			518
Number positive cases		47	
Number suspicious cases		136	
Number positive reactors (not X-rayed), but with reactions and probably negative		241	
Number negative cases		2,554	

P. A. Yoder, M.D., *Clinic Physician*

	White	*Colored*	*Total*
Number given tuberculin test	3,985	878	4,863
Number positive reactors	885	220	1,105
Total number physical examinations			1,005
Number of children X-rayed			837
Number positive cases		108	
Number suspicious cases		173	
Number positive reactors (not X-rayed), but with slight reactions and probably negative		268	
Number negative cases		4,288	

Total number of tests and examinations	7,841

SUMMARY OF RESULTS OF SCHOOL CHILDREN'S TUBERCULOSIS CLINIC CONDUCTED BY THE EXTENSION DEPARTMENT, NORTH CAROLINA SANATORIUM, IN COOPERATION WITH LOCAL HEALTH AND SCHOOL AUTHORITIES

RESULTS OF TUBERCULIN TEST

	White	*Colored*	*Total*
Number given tuberculin tests	6,761	1,080	7,841
Number negative reactors	5,159 (76.31%)	818 (75.74%)	5,977 (76.21%)
Number positive reactors	1,602 (23.69%)	262 (24.26%)	1,864 (23.79%)

RESULTS OF STUDY OF POSITIVE TUBERCULIN REACTORS

			% of the 1,864 tuberculin reactors	% of the 7,841 tested
Number of positive reactors		1,864		
Number reactors for various reasons not examined		144	7.77	1.83
Number examined, though not X-rayed, but practically all having very mild reactions (1 plus) and presumably having no demonstrable tuberculosis		365	18.51	4.64
Number having physical examinations and X-rays of chest (anteroposterior and oblique)		1,355		
Number having demonstrable tuberculosis		155	8.31	1.98
White	120		7.49	1.77
Colored	35		13.4	3.24
Tracheobronchial	140			
Pulmonary (apical)	9			
Extrapulmonary	6			
Number classified as suspicious		309	16.66	3.94
Number of reactors classified as not tuberculous		891	47.8	
Total number classified as definitely not tuberculous		6,868		87.59
Positive tuberculin reactors found not tuberculous		891		
Negative tuberculin reactors		5,977		

One of the Schoolrooms, Children's Building

WHITE DIVISION

MEDICAL REPORT

1927

STATISTICAL

Number of patients to be reported on	336
Number not classified	5
Number not tuberculous	57
Number of patients in Sanatorium July 1, 1927	178
Total number of patients treated during the twelve months	576

37 PATIENTS WHO STAYED LESS THAN THIRTY DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	7	A 6				6		
		B 1					1	
		C 0						
Moderately Advanced	8	A 1				1		
		B 7				5	2	
		C 0						
Far Advanced	22	A 0						
		B 6				4	2	
		C 16				4	11	1
Total	37							

Total number of days, 601. Average stay, 16.24. Longest stay, 29. Shortest stay, 3.

Number gained weight, 21.		Number lost weight, 6.	
Average gain	4.03 lbs.	Average loss	1.67 lbs.
Largest gain	9.5 lbs.	Largest loss	4 lbs.
Smallest gain	1 lb.	Smallest loss	.5 lb.
Stationary	2	Not weighed	8

50 PATIENTS WHO STAYED FROM 30 TO 89 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	13	A 8		5	2	1		
		B 4		2	2			
		C 1				1		
Moderately Advanced	17	A 4				4		
		B 13			2	10		1
		C 0						
Far Advanced	20	A 0						
		B 5				5		
		C 15				7	7	1
Total	50							

Total number of days, 3,231. Average stay, 64.62. Longest stay, 89. Shortest stay, 30.

Number gained weight, 45.		Number lost weight, 3.	
Average gain	8.13 lbs.	Average loss	8 lbs.
Largest gain	30 lbs.	Largest loss	11 lbs.
Smallest gain	.5 lbs.	Smallest loss	5 lbs.
Stationary	2	Not weighed	0

249 PATIENTS WHO STAYED 90 DAYS OR OVER

Condition on Admission		Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 40	A 33		28	5			
	B 7		2	5			
	C 0						
Moderately Advanced 104	A 10			9	1		
	B 4			2	2		
	C 90			52	32	6	
Far Advanced 105	A 1			1			
	B 68			17	35	12	4
	C 36			1	19	10	6
Total 249							

Total number of days, 57,734. Average stay, 231.9. Longest stay, 1,102. Shortest stay, 90.

Number gained weight, 210.		Number lost weight, 33.	
Average gain	12.35 lbs.	Average loss	5.34 lbs.
Largest gain	43 lbs.	Largest loss	20.5 lbs.
Smallest gain	.5 lb.	Smallest gain	.5 lb.
Stationary	4	Not weighed	2

HISTORY OF HEMORRHAGE

Negative		171
Positive	Previous only	130
	Previous and during residence	23
	During residence only	12

RESULTS OF SPUTUM EXAMINATIONS

Negative or no sputum		122
Positive	On admission	205
	During residence	108
	On discharge	67

SEX, AGE, AND CIVIL CONDITION

Sex	Age: 5–9	10–19	20–29	30–39	40–49	50–59	60–69	70–74	Civil Condition: Single	Married	Widowed	Divorced
Male 161												
Female 175	3	38	126	93	50	19	6	1	134	186	15	1
Total 336												

NATIONALITY: Americans, 333; Syrians, 3.

TUBERCULOUS COMPLICATIONS

Abdominal fistula	2
Anal fistula	8
Caseous pneumonia	1
Coxalgia	1
Enteritis	10
Laryngitis	45
Meningitis	1
Otitis media	8
Peritonitis with fistula	1
Pleurisy with effusion	8
Scrotal fistula	1

NON-TUBERCULOUS COMPLICATIONS

Acne	1	Lues	12
Alveolar abscess	6	Mastitis	1
Anal fissure	2	Mental deficiency	1
Anteflexion of uterus	1	Mitral insufficiency	4
Asthma (bronchial)	5	Myocarditis	1
Atrophic rhinitis	2	Nasopharyngitis	1
Blepharitis	2	Nephritis	9
Blindness (partial)	1	Neurasthenia	1
Bronchitis (chronic)	3	Otitis media (chronic)	2
Carious teeth	16	Pellagra	1
Colles's fracture	1	Pelvic cellulitis	3
Conjunctivitis (lacrimal)	1	Pes planus	3
Cystocele	1	Prolapsed kidney	1
Deafness (partial)	2	Prolapsed uterus	2
Deviated nasal septum	2	Pruritus ani	1
Diabetes melitus	1	Psoriasis	1
Eczema	2	Psychosis (anxiety)	1
Endocarditis	1	Pterygium	2
Erosion of cervix	8	Pyorrhea	66
Gall-bladder disease	1	Rectocele	1
Goiter (adolescent)	1	Retroversion of uterus	3
Goiter (simple)	1	Rhinitis (chronic)	11
Gonorrhea	1	Scabies	1
Hemorrhoids	3	Sciatica	1
Hernia (inguinal)	1	Scoliosis	1
Hookworm disease	23	Sinusitis	8
Hypertension (essential)	1	Stomatitis	1
Hysteria	1	Tonsillitis	14
Laceration of cervix	7	Uterine fibroid	1
Laceration of perineum	12	Urticaria	1
Laryngitis	1	Whipworm	1

OCCUPATIONS

Advertising manager	1	Chemist	1
Attorney	2	Clerks	22
Automatic sprinkler foreman	1	Contractors	1
Barber	2	Dairyman	1
Bookkeepers	8	Draftsman	1
Box factory	1	Electrician	1
Box factory foreman	1	Engineers	2
Butcher	1	Express clerk	1
Cable splicer	1	Farmers	35
Carpenters	5	Housework	105
Cashier	1	Insurance agent	1

Children's Building

Jeweler	2
Laborer	1
Lumberman	3
Mail clerk	1
Mechanic	6
Merchants	5
Mill foreman	2
Mill inspector	1
Mill workers	40
Milliner	1
Ministers	3
Night watchman	1
Nurses	4
Painters	2
Railway clerks	2
Rodman	1
Salesman	8
Sawmill	1
Seamstress	1
Stenographers	5
Street car conductor	1
Students	32
Tailor	1
Taxi driver	1
Teachers	7
Telegraph operator	1
Telephone operators	3
Tobacconists	2
Truck driver	1
Undertaker	1
Welder	1

COUNTIES FROM WHICH THE 336 PATIENTS CAME

Alamance	9
Anson	1
Beaufort	2
Bertie	6
Bladen	1
Brunswick	1
Buncombe	3
Burke	3
Cabarrus	9
Caldwell	3
Carteret	2
Catawba	6
Chatham	5
Chowan	6
Cleveland	1
Columbus	2
Craven	2
Cumberland	10
Currituck	1
Dare	3
Davidson	6
Davie	1
Duplin	1
Durham	12
Edgecombe	6
Forsyth	20
Franklin	1
Gaston	14
Granville	2
Greene	3
Guilford	2
Halifax	12
Harnett	6
Hoke	3
Iredell	9
Johnston	8
Lee	1
Lenoir	6
Madison	1
Martin	2
Mecklenburg	8
Montgomery	1
Moore	1
Nash	2
New Hanover	6
Northampton	1
Orange	6
Pasquotank	1
Pender	1
Perquimans	2
Person	2
Pitt	5
Randolph	2
Richmond	12
Robeson	4
Rockingham	4
Rowan	6
Rutherford	5
Sampson	3
Scotland	4
Stanly	3
Stokes	1
Surry	8
Union	3
Vance	6
Wake	22
Warren	2
Wayne	9
Wilkes	3
Wilson	8
Yadkin	3

TOWNS FROM WHICH THE 336 PATIENTS CAME

Albemarle	1
Apex	1
Asheboro	1
Asheville	1
Aulander	2
Bailey	1
Beaufort	2
Belmont	2
Belvidere	1
Benson	1
Bentonville	1
Bessemer City	1
Boonville	1
Brookford	1
Burlington	4
Carrboro	3
Carthage	1
Cary	1
Chapel Hill	2
Charlotte	6
Cherryville	1
Clayton	1
Clemmons	1
Clinton	1
Coats	1
Colerain	1
Concord	3
Cooleemee	1
Cornelius	1
Cramerton	1
Dallas	4
Deep Run	1
Doughton	1
Draper	1
Dunn	3
Durham	9
Earl	1
Edenton	4
Edward	1
Elizabeth City	1
Elkin	3
Erlanger	3
Erwin	2
Eufola	1
Falcon	1
Farmville	2
Fayetteville	5
Forest City	3
Four Oaks	1
Garland	1
Gastonia	5
Gibsonville	1
Goldsboro	6
Graham	1
Greenville	1
Gulf	1
Hallsboro	1
Hamlet	6
Harmony	1
Hatteras	3
Henderson	4
Hertford	1
Hickory	4
High Point	1
Hillsboro	1
Hope Mills	3
Huntersville	1
Jennings	1
Kannapolis	6
Kenly	1
Kinston	1
Kittrell	1
La Grange	4
Lake Waccamaw	2
Landis	1
Laurinburg	4
Lenoir	3
Lexington	2
Littleton	2
Louisburg	1
Lucama	1
Lumberton	1
Magnolia	1
Margarettsville	1
Marietta	1
Marshall	1
Maxton	1
Mebane	3
Merry Oaks	1
Method	1
Micro	1
Middlesex	1
Moncure	2
Monroe	3
Mooresville	2
Morganton	3
Mount Airy	3
Mount Gilead	1
Mount Olive	3
Moyock	1
New Bern	1
New London	1
Norman	2
Norwood	1
Odessa	1
Oxford	2
Peachland	1
Pee Dee	1
Pilot Mountain	1
Pinetops	2
Pinnacle	1
Pittsboro	1
Raeford	3
Raleigh	18
Reidsville	2
Roanoke Rapids	1

Rockingham	3	Supply	1
Rocky Mount	4	Tarboro	1
Ronda	1	Thomasville	1
Roseboro	1	Tobaccoville	1
Rosemary	8	Tyner	2
Rougemont	1	Uree	1
Round Peak	1	Vale	1
Rowland	1	Vanceboro	1
Roxboro	2	Vaughan	1
Salemburg	1	Wake Forest	1
Salisbury	4	Walstonburg	2
Sanford	1	Warrenton	1
Scotland Neck	1	Washington	1
Smithfield	2	Watha	1
Snow Camp	1	West Durham	2
Spindale	1	Williamston	2
Spray	1	Wilmington	6
Spurgeon	1	Wilson	6
Stantonsburg	1	Windsor	2
Statesville	5	Winston-Salem	18
Stedman	1	Winterville	1
Stocksville	1	Woodlief	1
Stokes	1	Woodville	1
Summerfield	1	Yadkinville	1

OUTSIDE PATIENTS EXAMINED FOR DIAGNOSIS AND CONSULTATION

July	146	January	119
August	149	February	99
September	159	March	75
October	104	April	125
November	82	May	173
December	74	June	136

CLASSIFICATION

Reëxaminations	190
Positive diagnosis	428
Negative diagnosis	823
	1,441

SUMMARY OF MEDICAL REPORT

July 1, 1926, to June 30, 1927

Patients admitted:	
Minimal	61
Moderately advanced	124
Far advanced	140
Not classified	17
Not tuberculous	46
Total	388
Patients discharged:	
Apparently arrested	37
Quiescent	98
Improved	137
Unimproved	51
Died	13
Not classified	5
Not tuberculous	57
Total	398
Hospital days	66,678

REPORT OF X-RAY LABORATORY

Stereoroentgenograms of chest (Sanatorium patients)	464
Stereoroentgenograms of chest (clinic patients)	590
Double roentgenograms of chest (children's clinic)	1,215
Roentgenograms, other parts of body	216
Total	2,485
X-ray treatments	141

Dining-Room, Children's Building

LABORATORY REPORT

Sputanalyses:		
Culture	7	
Micros.	2,670	
Chem.	1,370	
Total		4,047
Urinalyses:		
Diazo	1	
Micros.	914	
Chem.	892	
Total		1,807
Blood:		
W. B. C.	553	
R. B. C.	531	
Differential count	537	
Hemoglobin	534	
Color Index	526	
Malaria	245	
Wassermann	455	
Kahn tests	489	
Urea	79	
Culture	10	
Sugar	5	
Widal	3	
Creatinin	2	
Coagulation	3	
Total		3,972
Feces	586	
Basal metabolic rate	34	
Fractional Ewalds	52	
Vaginal smears	27	
Pleural fluid	54	
Pus from side	3	
Fluid from abscess	2	
Phthalein	83	
Spinal fluid	9	
Smear from cow's liver	1	
Throat smear	2	
Throat culture	1	
Fluid from elbow	2	
Gastric analyses	12	
Smear from skin	1	
Total		869
Water: Bacterial Count	302	
Water: For Coli	302	
		604
Milk: Bacterial Count	49	
Milk: For Coli	49	
		98
Total examinations and tests		11,397

PRESENT CONDITION OF ALL MINIMAL PATIENTS DISCHARGED FROM THE SANATORIUM PREVIOUS TO JANUARY 1, 1927

Condition on Discharge	Condition December 31, 1926	Year Discharged													
		1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	Total
Arrested 60	Living and working	0	5	6	10	5	5	16	1	3	3	0	0	0	54
	Living and not working	0	0	0	2	0	0	2	0	0	0	0	0	0	4
	Dead	0	0	0	1	0	0	0	0	0	0	0	0	0	* 1
	Lost	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Apparently Arrested 418	Living and working	2	6	29	33	31	18	21	24	33	30	51	55	40	373
	Living and not working	1	1	1	1	2	0	2	0	1	1	6	4	1	21
	Dead	0	2	3	3	3	6	2	1	2	1	0	0	0	23
	Lost	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Quiescent 238	Living and working	4	3	12	12	13	16	21	22	36	28	15	8	10	200
	Living and not working	0	1	0	0	0	1	3	1	3	0	3	2	2	16
	Dead	1	6	3	1	0	1	1	1	1	2	0	0	1	18
	Lost	0	0	0	0	0	0	2	2	0	0	0	0	0	4
Improved 140	Living and working	0	4	14	12	10	6	12	9	13	10	16	4	2	112
	Living and not working	0	1	2	1	0	0	1	0	0	3	0	1	0	9
	Dead	0	1	0	1	2	3	0	1	2	1	0	0	0	11
	Lost	1	0	1	0	1	2	2	1	0	0	0	0	0	8
Unimproved 7	Living and working	0	0	0	1	1	0	0	1	1	0	0	1	0	5
	Living and not working	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dead	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Lost	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total 863	Living and working 86%	6	18	61	68	60	45	70	57	86	71	82	68	52	744
	Living and not working 6%	1	3	3	4	2	1	8	1	4	4	9	7	3	50
	Dead 6%	1	9	6	7	5	10	3	3	5	4	0	0	1	54
	Lost 2%	1	0	2	0	1	3	5	3	0	0	0	0	0	15

*Accidental.

PRESENT CONDITION OF ALL MODERATELY ADVANCED PATIENTS DISCHARGED FROM THE SANATORIUM PREVIOUS TO JAN. 1, 1927

Condition on Discharge	Condition December 31, 1926	Year Discharged													
		1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	Total
Arrested 15	Living and working	0	4	6	0	1	1	1	0	0	0	0	0	0	13
	Living and not working	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lost	0	0	1	1	0	0	0	0	0	0	0	0	0	2
Apparently Arrested 69	Living and working	3	2	5	7	14	4	5	7	6	5	0	0	0	58
	Living and not working	0	0	0	0	1	1	0	0	0	0	0	0	0	2
	Dead	1	1	2	1	1	0	0	3	0	0	0	0	0	9
	Lost	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Quiescent 659	Living and working	5	12	19	36	20	36	23	23	39	40	36	41	27	357
	Living and not working	0	1	5	1	6	3	6	4	3	6	10	18	22	85
	Dead	15	23	42	29	25	19	9	14	12	12	5	3	3	211
	Lost	0	0	0	0	1	0	0	1	0	3	1	0	0	6
Improved 411	Living and working	4	5	8	15	8	4	15	13	13	8	17	10	8	128
	Living and not working	0	1	0	1	2	5	0	3	4	6	6	12	29	69
	Dead	21	19	23	31	25	13	18	13	12	14	5	6	6	206
	Lost	1	0	1	0	0	0	0	0	0	1	2	2	1	8
Unimproved 87	Living and working	0	0	1	0	1	0	0	0	0	0	0	0	0	2
	Living and not working	0	0	0	0	0	1	3	1	0	3	1	2	1	12
	Dead	1	5	5	5	9	7	11	8	6	4	7	0	5	73
	Lost	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 1,241	Living and working 44%	12	23	39	58	44	45	44	43	58	53	53	51	35	558
	Living and not working 14%	0	2	5	2	9	10	9	8	7	15	17	32	52	168
	Dead 41%	38	48	72	56	60	39	38	38	30	30	17	9	14	499
	Lost 1%	1	0	2	1	1	0	0	1	0	4	3	2	1	16

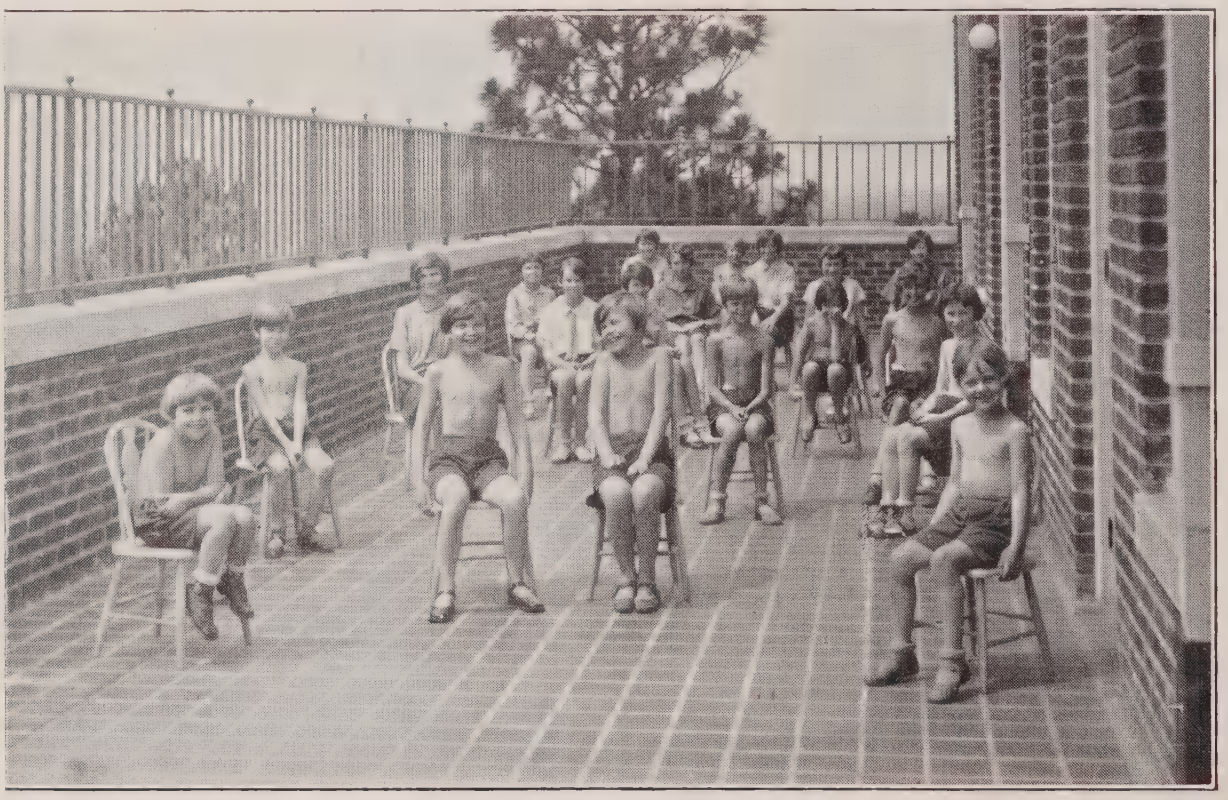
PRESENT CONDITION OF ALL FAR ADVANCED PATIENTS DISCHARGED FROM THE SANATORIUM PREVIOUS TO JANUARY 1, 1927

Condition on Discharge	Condition December 31, 1926	Year Discharged													
		1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	Total
Arrested 0	Living and working	----	----	----	----	----	----	----	----	----	----	----	----	----	----
	Living and not working	----	----	----	----	----	----	----	----	----	----	----	----	----	----
	Dead	----	----	----	----	----	----	----	----	----	----	----	----	----	----
	Lost	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Apparently Arrested 0	Living and working	----	----	----	----	----	----	----	----	----	----	----	----	----	----
	Living and not working	----	----	----	----	----	----	----	----	----	----	----	----	----	----
	Dead	----	----	----	----	----	----	----	----	----	----	----	----	----	----
	Lost	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Quiescent 207	Living and working	0	4	5	6	5	4	4	3	9	10	12	10	7	79
	Living and not working	0	0	0	1	1	1	0	2	3	3	5	5	7	28
	Dead	3	12	11	14	10	9	4	8	9	11	3	5	0	99
	Lost	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Improved 444	Living and working	0	2	2	4	2	3	2	1	8	8	5	8	4	49
	Living and not working	0	0	2	0	1	1	1	3	8	7	14	25	41	103
	Dead	21	21	20	30	21	15	21	31	30	26	29	17	10	292
	Lost	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unimproved 367	Living and working	0	0	0	0	1	0	0	2	1	1	2	4	0	11
	Living and not working	0	0	0	0	0	0	0	0	1	1	0	0	13	15
	Dead	19	16	13	17	32	26	25	43	40	38	34	21	17	341
	Lost	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 1,018	Living and working 13%	0	6	7	10	8	7	6	6	18	19	19	22	11	139
	Living and not working 14%	0	0	2	1	2	2	1	5	12	11	19	30	61	146
	Dead 72%	43	49	44	61	63	50	50	82	79	75	66	43	27	732
	Lost .01%	0	0	0	0	0	1	0	0	0	0	0	0	0	1

ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Red Cross, Fayetteville	5
Associated Charities, Scotland Neck	1
Baptist Orphanage, Thomasville	1
Board of County Commissioners, Buncombe	2
Board of County Commissioners, Cabarrus	1
Board of County Commissioners, Carteret	1
Board of County Commissioners, Columbus	1
Board of County Commissioners, Davidson	1
Board of County Commissioners, Forsyth	8
Board of County Commissioners, Gaston	19
Board of County Commissioners, Halifax	4
Board of County Commissioners, Hoke	5
Board of County Commissioners, Mecklenburg	2
Board of County Commissioners, Nash	1
Board of County Commissioners, Pasquotank	1
Board of County Commissioners, Pender	1
Board of County Commissioners, Rowan	2
Board of County Commissioners, Stokes	1
Board of County Commissioners, Surry	3
Board of County Commissioners, Union	1
Board of County Commissioners, Wilkes	1
Brookford Cotton Mill, Brookford	1
Charity Organization Society, Goldsboro	2
City of Salisbury	1
Contributions through Miss Henrietta S. Reid, Reidsville	1
Contributions through Mrs. L. C. Cobb, Chimney Rock	1
Fireman's Relief Fund, Hickory	1
Masonic Lodge, No. 781, Asheville	1
Methodist Orphanage, Raleigh	1
N. C. Federation of Women's Clubs, McBrayer Memorial Bed Fund	5
Presbyterian Orphanage, Barium Springs	1
Public Welfare, Asheville	1
Public Welfare, Beaufort	1
Public Welfare, Durham	6
Public Welfare, Fayetteville	1
Public Welfare, Henderson	3
Public Welfare, Hickory	2
Public Welfare, Lexington	1
Public Welfare, Lillington	3
Public Welfare, Mocksville	1
Public Welfare, Monroe	1
Public Welfare, Nashville	1
Public Welfare, Reidsville	2
Public Welfare, Rockingham	8
Public Welfare, Rutherfordton	4
Public Welfare, Salisbury	7
Public Welfare, Smithfield	1
Public Welfare, Wilkesboro	1
Public Welfare, Yanceyville	1
Rosemary Manufacturing Company, Rosemary	1
Standard Oil Company, Charlotte	1
Tuberculosis Association, Cabarrus County	9
Tuberculosis Association, Durham County	1
Tuberculosis Association, Gaston County	1
Tuberculosis Seal Sale Committee, coöperating with the Woman's Club, Raleigh	8
United Daughters of the Confederacy, Free Bed Fund	2

Happy and Growing Healthy



Girls' Sun Porch, Children's Building

CHILDREN'S DIVISION

MEDICAL REPORT

1927

STATISTICAL

Number of patients to be reported on	9
Number not classified	6
Number not tuberculous	2
Number of patients in Sanatorium July 1, 1927	52
Total number of patients treated	63

SUMMARY MEDICAL REPORT

Patients admitted:		
Tracheobronchial tuberculosis	51	
Pulmonary tuberculosis	11	
Miliary tuberculosis	1	
Total	63	
Patients discharged:		
Arrested	0	
Apparently arrested	0	
Quiescent	3	
Improved	4	
Unimproved	2	
Died	0	
Not classified	0	
Not tuberculous	2	
Total	11	
Hospital days		3,796

COLORED DIVISION

MEDICAL REPORT

1927

STATISTICAL

Number of patients to be reported on	86
Number not classified	3
Number not tuberculous	6
Number of patients in Sanatorium July 1, 1927	45
Total number of patients treated during the twelve months	140

Ward, Colored Division

11 PATIENTS WHO STAYED LESS THAN 30 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal		A 0						
		B 0						
		C 0						
Moderately Advanced	3	A 0						
		B 3				2	1	
		C 0						
Far Advanced	8	A 0						
		B 2					2	
		C 6				2	3	1
Total	11							

Total number of days, 204. Average stay, 18.5. Longest stay, 29. Shortest stay, 6.

Number gained weight, 6.		Number lost weight, 5.	
Average gain	3.2 lbs.	Average loss	3.75 lbs.
Largest gain	7 lbs.	Largest loss	5 lbs.
Smallest gain	.25 lb.	Smallest loss	.25 lb.
Stationary	0	Not weighed	0

31 PATIENTS WHO STAYED 30 TO 89 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	2	A 1				1		
		B 1			1			
		C 0						
Moderately Advanced	12	A 2				1		1
		B 8				6	2	
		C 2				2		
Far Advanced	17	A 0						
		B 6			1	1	2	2
		C 11				1	8	2
Total	31							

Total number of days, 1,669. Average stay, 72.57. Longest stay, 88. Shortest stay, 30.

Number gained weight, 16.		Number lost weight, 14.	
Average gain	4.83 lbs.	Average loss	6.93 lbs.
Largest gain	11.75 lbs.	Largest loss	22.25 lbs.
Smallest gain	.5 lb.	Smallest loss	.25 lb.
Stationary	1	Not weighed	0

44 PATIENTS WHO STAYED 90 DAYS OR OVER

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	3	A 1			1			
		B 2			1	1		
		C 0						
Moderately Advanced	14	A 2				2		
		B 12				10	1	1
		C 0						
Far Advanced	27	A 0						
		B 14			1	8	3	2
		C 13			1	6	1	5
Total	44							

Total number of days, 10,248. Average stay, 232.9. Longest stay, 1,278. Shortest stay, 91.

Number gained weight, 30.		Number lost weight, 13.	
Average gain	15.44 lbs.	Average loss	14.06 lbs.
Largest gain	56 lbs.	Largest loss	28 lbs.
Smallest gain	1.5 lbs.	Smallest loss	2 lbs.
Stationary	1	Not weighed	0

HISTORY OF HEMORRHAGE

Negative		48
Positive	Previous only	28
	Previous and during residence	8
	During residence only	2

RESULTS OF SPUTUM EXAMINATIONS

Negative or no sputum		28
Positive	On admission	57
	During residence	7
	On discharge	11

SEX, AGE, AND CIVIL CONDITION

Sex		Age: 10–19	20–29	30–39	40–49	50–59	60–70	Civil Condition: Single	Married	Widowed
Male	41	20	37	18	6	4	1	42	36	8
Female	45									
Total	86									

TUBERCULOUS COMPLICATIONS

Adenitis (cervical)	4
Anal fistula	4
Caseous pneumonia	1
Enteritis	8
Hip joint	1
Laryngitis	11
Peritonitis	3
Pleurisy with effusion	6
Spinal caries (cervical)	1

NON-TUBERCULOUS COMPLICATIONS

Abscessed teeth	1	Gonorrhea	1
Adenitis (inguinal)	2	Goiter (simple)	1
Anal fistula	1	Hemorrhoids	2
Anteflexed uterus	1	Hernia	1
Aortitis	2	Hookworm disease	5
Arteriosclerosis	4	Lues	12
Arthritis	1	Menorrhagia	1
Atrophy of muscles	1	Metritis	1
Bronchiectasis	1	Mitral insufficiency	8
Bronchitis (chronic)	3	Myocarditis	1
Cardiac insufficiency	1	Nephritis	2
Carious teeth	16	Pterygium	1
Chorea	1	Pyorrhea	13
Dermatitis	1	Retroversion of uterus	1
Endocervicitis	5	Tonsillitis (chronic)	13

COUNTIES FROM WHICH THE 86 PATIENTS CAME

Alamance	2	Mecklenburg	2
Anson	1	Moore	6
Beaufort	1	Nash	1
Bertie	3	New Hanover	1
Catawba	2	Northampton	1
Columbus	2	Pasquotank	2
Craven	2	Perquimans	1
Cumberland	2	Pitt	6
Currituck	1	Randolph	1
Davidson	1	Richmond	1
Durham	4	Robeson	2
Edgecombe	2	Rowan	3
Franklin	3	Scotland	3
Gaston	2	Stanly	1
Guilford	1	Surry	2
Harnett	3	Vance	1
Hertford	2	Wake	5
Hoke	3	Wayne	3
Iredell	1	Wilson	3
Johnston	1	Dillon County, S. C.	1
Lee	1		

TOWNS FROM WHICH THE 86 PATIENTS CAME

Aberdeen	1	Kelford	1
Ahoskie	1	Laurinburg	2
Asheboro	1	Lexington	1
Belhaven	1	Linden	2
Bolton	1	Louisburg	1
Carbonton	1	Lumberton	1
Carthage	1	Maxton	1
Charlotte	1	Mebane	1
Clayton	1	Nashville	1
Cramerton	1	New Bern	1
Dallas	1	Newton	1
Dobson	1	Norwood	1
Dunn	1	Pine Bluff	1
Durham	4	Powell's Point	1
Elizabeth City	2	Raeford	3
Elkin	1	Raleigh	4
Elon College	1	Rockingham	1
Erwin	2	Rocky Mount	1
Eufola	1	Roxobel	1
Farmville	1	Salisbury	2
Franklinton	1	Southern Pines	1
Garysburg	1	Tarboro	1
Gibson	1	Townsville	1
Glendon	1	Vanceboro	1
Goldsboro	3	Vineland	1
Granite Quarry	1	Wadesboro	1
Greensboro	1	Wake Forest	1
Greenville	5	Wilmington	1
Harrellsville	1	Wilson	3
Hertford	1	Woodville	1
Hickory	1	Youngsville	1
Huntersville	1	Dillon, S. C.	1
Jonesboro	1		

OUTSIDE PATIENTS EXAMINED FOR DIAGNOSIS AND CONSULTATION

July	10	January	5
August	5	February	7
September	15	March	7
October	5	April	11
November	7	May	10
December	4	June	6

CLASSIFICATION

Reëxaminations	9
Positive diagnosis	43
Negative diagnosis	40
	92

SUMMARY MEDICAL REPORT

Patients admitted:		
Minimal	7	
Moderately advanced	33	
Far advanced	61	
Childhood tuberculosis	3	
Not tuberculous	6	
Not classified	3	
Total	113	
Patients discharged:		
Arrested	0	
Apparently arrested	0	
Quiescent	6	
Improved	45	
Unimproved	21	
Died	14	
Not tuberculous	6	
Not classified	3	
Total	95	
Hospital days		15,171
Stereoroentgenograms of chest (Sanatorium patients)		118
Stereoroentgenograms of chest (outside patients)		49
Roentgenograms, other parts of body		16
Total		183
X-ray treatments		37

LABORATORY REPORT

Sputanalyses:		
Micros.	405	
Chem.	237	
Total		642
Urinalyses:		
Micros.	244	
Chem.	239	
Total		483
Blood:		
W. B. C.	107	
R. B. C.	105	
Differential count	103	
Hemoglobin	103	
Color Index	103	
Wassermann	115	
Kahn	67	
Widal	1	
Malaria	50	
Culture	1	
Total		755
Feces	126	
Throat smear	3	
Spinal fluid	4	
Pleural fluid	8	
Phthaleins	6	
Smear from cervical gland	1	
Vaginal smear	4	
Urethral smear	1	
Total		153
Total examinations and tests		2,033

PERSONS FROM WHOM DONATIONS WERE RECEIVED

Books and magazines:

Mrs. Eulalia Stevens, Fayetteville, N. C.
Friends from Pine Bluff, N. C.

Fruit, cakes, candies, and nuts:

Mr. M. Streib, Raleigh, N. C.
Mr. J. A. Isler, New Bern, N. C.

Clothing:

Needle Guild of America, Goldsboro, N. C.

Cash donations for radio and Christmas:

Dr. W. G. Byerly, Sanatorium, N. C.
Dr. Fisher, New Bern, N. C.
Dr. J. E. Shepard, Durham, N. C.
Mr. I. H. Smith, New Bern, N. C.
Mr. S. B. Chapin, Pinehurst, N. C.
Mrs. E. H. Boyd, Southern Pines, N. C.
Mr. Nugent and friends, Southern Pines, N. C.
N. C. Mutual Life Insurance Co., Greensboro, N. C.
Negro State Teachers' Association.
Negro Masonic Lodge.

ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Red Cross, Laurinburg	1
American Red Cross, Windsor	1
Amity Bible Class, Southern Pines	1
Board of County Commissioners, Columbus	1
Board of County Commissioners, Gaston	4
Board of County Commissioners, Halifax	1
Board of County Commissioners, Harnett	1
Board of County Commissioners, Hoke	3
Board of County Commissioners, Northampton	1
Board of County Commissioners, Pasquotank	1
Board of County Commissioners, Pender	1
Board of County Commissioners, Scotland	2
Bureau of Social Service, Goldsboro	5
Charity Organization Society, Goldsboro	2
City of Salisbury	2
Erlanger Cotton Mills, Erlanger	1
Public Welfare, Durham	4
Public Welfare, Goldsboro	1
Public Welfare, Greenville	1
Public Welfare, Henderson	1
Public Welfare, Hickory	1
Public Welfare, Mocksville	1
Public Welfare, Wadesboro	1
Royal Baking Company, Raleigh	1
Tuberculosis Association, Cabarrus County	1
Tuberculosis Association, Elkin	1
Tuberculosis Christmas Seal Sale Committee, coöperating with the Woman's Club, Raleigh	2

PRISON DIVISION

MEDICAL REPORT

1927

STATISTICAL

Number of patients to be reported on	29
Number not classified	1
Number not tuberculous	9
Number of patients in Sanatorium July 1, 1927	15
Total number of patients treated during the twelve months	54

SUMMARY MEDICAL REPORT

Patients admitted:		
Minimal	6	
Moderately advanced	8	
Far advanced	9	
Not tuberculous	9	
Not classified	5	
Total	37	
Patients discharged:		
Arrested	0	
Apparently arrested	0	
Quiescent	6	
Improved	10	
Unimproved	1	
Died	12	
Not tuberculous	9	
Not classified	1	
Total	39	
Hospotal days		10,427

REPORT OF X-RAY LABORATORY

Stereoroentgenograms of chest (Sanatorium patients)	48
Stereoroentgenograms of chest (outside patients)	9
Total	57
Treatments	7

LABORATORY REPORT

Sputanalyses:		
Micros	205	
Chem.	141	
Total		346
Urinalyses:		
Micros	72	
Chem.	59	
Total		131

Blood:		
W. B. C.	41	
R. B. C.	37	
Differential count	38	
Hemoglobin	37	
Color Index	37	
Wassermann	23	
Kahn tests	24	
Malaria	19	
Sugar	1	
Culture	1	
Widal	1	
Total		259
Feces	41	
Pleural fluid	6	
Spinal fluid	3	
Pus from side	1	
Peritoneal fluid	1	
Total		52
Total examinations and tests		788

OUTSIDE PATIENTS EXAMINED FOR DIAGNOSIS AND CONSULTATION

July	8	January	0
August	6	February	3
September	3	March	4
October	4	April	6
November	5	May	2
December	3	June	4

CLASSIFICATION

Positive diagnosis	29
Negative diagnosis	19
	48

AUDIT

of

THE NORTH CAROLINA SANATORIUM

for the Treatment *of* Tuberculosis

SANATORIUM, N. C.

July 1, 1926, to June 30, 1927

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AUDIT JULY 1, 1926, TO JUNE 30, 1927

Exhibit A

CAPITAL ASSETS

June 30, 1927

Land, Buildings, and Equipment:	
Farm lands	$ 38,079.66
Prison Sanatorium land	40,087.08
Hospital grounds	20,000.00
Landscape	18,560.65
Administration and Infirmary building	248,000.00
Negro Sanatorium building	106,356.28
Prison Sanatorium building	65,787.49
Dining hall and kitchen	108,438.41
Ice plant and cold storage	13,050.00
Power plant and laundry building	121,053.46
Sewer system and disposal plant	14,861.15
Waterworks improvement	65,185 89
Dairy barns, silos, and bottling plant	41,206.11
Superintendent's residence	9,500.00
Assistant superintendent's residence	11,800.00
Negro physician's residence	14,214.32
New nurses' home	41,527.70
Old nurses' home	11,400.00
Nurses' annex	3,197.00
Flanagan cottage	16,000.00
Gordon cottage	7,125.00
Spruill cottage	4,165.00
Sunshine cottage	3,150.00
Servants' cottage	10,800.00
Farm residence	3,000.00
Farm tenant houses	5,304.05
Brick garage	468.22
Doctors' garage	1,171 46
Children's building	93,148.44
Poultry buildings	8,934.12
Office furniture and fixtures	7,036.73
Hospital furniture and fixtures	33,067.83
Library furniture and fixtures	1,460.71
Dining-room and kitchen equipment	26,022 24
Bedding and linen	13,000.00
Refrigeration equipment	1,943.55
Telephone system	7,052.25
Laundry equipment	24,138.81
Medical and surgical equipment	17,709.64
Laboratory equipment	309.12
Light, heat, and power plant equipment	4,080.17
Autos and trucks	5,236.54
Construction equipment	60 00
Fire protection equipment	5,385.27
Dairy and farm machinery and equipment	13,960 39
Farm livestock	2,840.00
Dairy livestock	12,000.00
Hogs	4,219.00
Poultry livestock	2,666.70
Teachers' equipment	284.66
Plumbing equipment	154 20
Recreational equipment	358.83
Total Capital Assets	$ 1,328,558.13

EXHIBIT B

INCOME AND EXPENSE—PERMANENT IMPROVEMENT FUND

July 1, 1926, to June 30, 1927

INCOME:		
Appropriation:		
Due on appropriation June 30, 1926		$ 95,074.63
EXPENSE:		
Children's building	$ 66,356.42	
Housekeeping equipment	3,144.13	
Poultry farm	556.56	
Poultryman's cottage	2,111.93	
Poultry buildings	6,822.19	
Poultry equipment	135.83	
Light, heat, and water	140.12	
Agricultural	176.07	
Children's building equipment	5,895.11	
Medical and surgical equipment	1,457.25	
Landscape	376.00	
Instructional	244.25	
Office and administration	172.01	
Total expense		87,587.87
Due on appropriation June 30, 1927		$ 7,486.76

NOTE.—$46.77 charged on Auditor's books in July.

EXHIBIT C

RECEIPTS AND DISBURSEMENTS—PERMANENT IMPROVEMENT FUND

July 1, 1926, to June 30, 1927

RECEIPTS:			
Appropriation—B. R. Lacy, State Treasurer			$ 87,587.87
DISBURSEMENTS:			
July,	Labor and materials	$ 15,162.28	
August,	Labor and materials	11,187.87	
September,	Labor and materials	26,948.03	
October,	Labor and materials	5,740 16	
November,	Labor and materials	1,723.80	
December,	Labor and materials	9,319.26	
January,	Labor and materials	14,910.76	
February,	Labor and materials	235.22	
March,	Labor and materials	1,111.83	
April,	Labor and materials	1,029.88	
June,	Labor and materials	218.78	
			$ 87,587.87

EXHIBIT D

INCOME AND EXPENSE—EXTENSION FUND

July 1, 1926, to June 30, 1927

INCOME:		
Appropriation:		
Chapter 275, Public Laws 1925		$ 20,000.00
EXPENSE:		
Office and administration	$ 12,564.40	
Laundering	2.80	
Medical and surgical care	6,428.07	
Instructional	44.08	
Total expense		19,039.35
Cash balance June 30, 1927—excess income over expense		$ 960.65

EXHIBIT E

RECEIPTS AND DISBURSEMENTS—EXTENSION FUND

July 1, 1926, to June 30, 1927

RECEIPTS:		
From B. R. Lacy, State Treasurer		$ 19,039.35
DISBURSEMENTS:		
Office and administration	$ 12,564.40	
Laundering	2.80	
Medical and surgical care	6,428.07	
Instructional	44.08	
Total disbursements		$ 19,039.35

SCHEDULE E-1

DISBURSEMENTS—EXTENSION FUND

July 1, 1926, to June 30, 1927

OFFICE AND ADMINISTRATION:			
1101	Executive salaries	$ 3,000.00	
1103	Clerical salaries	3,197.72	
1103	P. clerical salaries	26.93	
1109	Per diems and fees	35.00	
1201	Office supplies	184.02	
1302	Telephone and telegraph	160.69	
1301	Postage	305.96	
1501	Printing	1,775.54	
1401	Hotels and meals	2,378.55	
1402	Railroad and other fares	1,142.65	
1502	Printing: Reports, Bulletins, etc	345.24	
1505	Photographing, blueprinting	5.95	
1601	Motor vehicles upkeep	6.15	
			$ 12,564.40
LAUNDERING:			
1905	Outside laundering and cleaning		2.80
MEDICAL AND SURGICAL CARE:			
1102	Professional and technical salaries	$ 5,810.00	
1206	Medical and surgical supplies	618.07	
			6,428.07
INSTRUCTIONAL:			
1210	Library supplies	$ 21.08	
3110	Library equipment and stock	23.00	
			44.08
	Total disbursements		$ 19,039.35

EXHIBIT F

INCOME AND EXPENSE—MAINTENANCE FUND

July 1, 1926, to June 30, 1927

INCOME:		
Appropriation:		
Chapter 275, Public Laws 1925		$145,000.00
Institutional Receipts:		
Office and administration	$ 2,838.41	
Subsistence	96,649.45	
Housekeeping	1,254.14	
Laundering	2,137.53	
Medical and surgical care	6,957.75	
Light, heat, power, and water	411.81	
Agricultural	3,530.76	
Total receipts		113,779.85
Total income		$258,779.85
EXPENSE:		
Office and administration	$ 13,610.40	
Subsistence	74,084.63	
Housekeeping	19,171.76	
Laundering	3,945.66	
Medical and surgical care	17,482.08	
Nursing and attendance	9,844.60	
Light, heat, power, and water	36,743.47	

INCOME AND EXPENSE—MAINTENANCE—CONTINUED

EXPENSE—*Continued*		
Care of buildings, grounds, and equipment	$ 13,662.98	
Instructional	666.95	
Recreational	222.85	
Agricultural	33,208.20	
Total expense		$222,643.58
Cash balance, June 30, 1927—excess income over expense		$ 36,136.27

NOTE.—$70.38 credited on Auditor's books in July included in this report.

EXHIBIT G

RECEIPTS AND DISBURSEMENTS—MAINTENANCE FUND

July 1, 1926, to June 30, 1927

RECEIPTS:		
From B. R. Lacy, State Treasurer		$108,863.73
Maintenance appropriation, cash receipts		113,779.85
Total receipts		$222,643.58
DISBURSEMENTS:		
Office and administration	$ 13,610.40	
Subsistence	74,084.63	
Housekeeping	19,171.76	
Laundering	3,945.66	
Medical and surgical care	17,482.08	
Nursing and attendance	9,844.60	
Light, heat, power, and water	36,743.47	
Care of buildings, grounds, and equipment	13,662.98	
Instructional	666.95	
Recreational	222.85	
Agricultural	33,208 20	
Total disbursements		$222,643.58

SCHEDULE G-1

INSTITUTIONAL RECEIPTS—MAINTENANCE FUND

July 1, 1926, to June 30, 1927

OFFICE AND ADMINISTRATION:			
1301	Telephone and telegraph	$ 221.21	
1508	Advertising	431.10	
1501	Newspaper subscriptions	290.89	
1601	Sale of gasoline	1,075.84	
2403	Refunds	819.37	
			$ 2,838.41
SUBSISTENCE:			
1203	Board and treatment	$ 93,388.83	
1203	Food	3,260.62	
			96,649.45
HOUSEKEEPING:			
1202	Household supplies		1,254.14
LAUNDERING:			
1205	Laundry supplies		2,137.53
MEDICAL AND SURGICAL CARE:			
1208	X-ray examinations	$ 4,550.98	
1208	Chest examinations	311.50	
1207	Drugs and medicines	361.08	
1207	Extension supplies	1,734.19	
			6,957.75
LIGHT, HEAT, POWER, AND WATER:			
1224	Coal		411.81
AGRICULTURAL:			
1214	Farm and dairy supplies	$ 3,463.93	
3115	Poultry	66.83	
			3,530.76
	Total institutional receipts		$113,779.85

SCHEDULE G-2

DISBURSEMENTS—MAINTENANCE FUND

July 1, 1926, to June 30, 1927

OFFICE AND ADMINISTRATION:			
1101	Executive salaries	$ 1,999.92	
1103	Clerical salaries	2,878.03	
1109	Per diems and fees	1,140.99	
1201	Office supplies	425.47	
1301	Postage	799.88	
1302	Telephone and telegrams	745.26	
1401	Hotel and meals	10.50	
1402	Railroad and other fares	11.70	
1501	Printing: Stationery, etc.	588.20	
1502	Printing: Reports, Bulletins, etc.	397.81	
1505	Photographing and blueprinting	12 85	
1508	Publication of notices and advertising	14.00	
1601	Motor vehicles upkeep	2,646.88	
1905	Miscellaneous expense	8.00	
2203	Premiums: Official bonds	30.00	
2403	Refunds	1,739.98	
3101	Office equipment and furnishings	160.93	
	Total office and administration		$ 13,610.40
SUBSISTENCE:			
1105	Supervisors' salaries	$ 1,800.00	
1106	Skilled labor	2,292.41	
1107	Unskilled labor	8,496.12	
3103	Dining-room and kitchen equipment	1,761.03	
1203-A	Meat, fish, and fowl	27,616.75	
1203-B	Dairy products and eggs	7,206.29	
1203-C	Cereal food products	4,809.60	
1203-D	Vegetables	7,029.14	
1203-E	Fruits and nuts	5,709 61	
1203-F	Saccharine products	2,265.14	
1203-G	Beverages	1,184.62	
1203-H	Condiments, flavors, and pickles	1,637.08	
1203-I	Fats, oils, and miscellaneous provisions	2,276.84	
	Total subsistence		74,084.63
HOUSEKEEPING:			
1105	Supervisors' salaries	$ 1,020.00	
1107	Unskilled labor	7,186.71	
1202	Cleaning and household supplies	7,552.72	
1204	Sewing supplies and dry goods	118.94	
1217	Ice and other refrigeration supplies	80.26	
1222	Wearing apparel purchased	507.79	
1223	Miscellaneous fuel	31.43	
3102	Institutional furniture and furnishings	487.76	
3104	Bedding and linens	2,102.08	
3117	Refrigeration equipment	11.18	
3120	Electrical equipment	72.89	
	Total housekeeping		19,171.76
LAUNDERING:			
1105	Supervisors' salaries	$ 1,380.00	
1107	Unskilled labor	1,759 11	
1205	Laundry supplies	717.75	
3105	Laundry equipment	88.80	
	Total laundering		3,945.66
MEDICAL AND SURGICAL CARE:			
1102	Professional and technical salaries	$ 10,275.00	
1206	Medical and surgical supplies	959.06	
1207	Drugs and medicines	1,930.94	
1208	Laboratory supplies and materials	2,584.78	
3106	Medical and surgical equipment	1,423.18	
3108	Laboratory equipment	309.12	
	Total medical and surgical care		17,482.08
NURSING AND ATTENDANCE:			
1102	Professional and technical salaries	$ 4,755.00	
1107	Unskilled labor	5,089.60	
	Total nursing and attendance		9,844.60

DISBURSEMENTS—MAINTENANCE FUND—CONTINUED

LIGHT, HEAT, POWER, AND WATER:			
1106	Skilled labor	$ 3,000.00	
1107	Unskilled labor	4,005.50	
1218	Power and heating plant supplies	643.88	
1224	Coal (including freight)	18,311.18	
1701	Light, power and water	10,373.20	
3118	Power and heating plant equipment	187.53	
1229	Water supplies	222.18	
	Total light, heat, power, and water		$ 36,743.47
CARE OF BUILDINGS, GROUNDS, AND EQUIPMENT:			
1105	Supervisors' salaries	$ 2,880.00	
1106	Skilled labor	105.00	
1107	Unskilled labor	1,820.75	
1213	Botanical and grounds supplies	18.87	
1220	Electrical supplies and materials	742.57	
1221	General supplies and materials	372.35	
1801	Repairs to equipment and fixtures	2,049.45	
1802	Repairs to buildings and structures	2,118.51	
3121	General equipment	50.08	
1227	Building supplies and materials	2,741.57	
1219	Plumbing supplies and materials	763.83	
	Total care of buildings, grounds, and equipment		13,662.98
INSTRUCTIONAL:			
1102	Professional and technical salaries	$ 182.45	
1209	Classroom and teachers' supplies	94.10	
1210	Library supplies	47.28	
3109	Classroom and teachers' equipment	40 41	
3110	Library equipment and stock	302.71	
	Total instructional		666.95
RECREATIONAL:			
1107	Unskilled labor	$ 14.00	
1212	Recreational supplies	187.58	
3112	Recreational equipment	21.27	
	Total recreational		222.85
AGRICULTURAL:			
1105	Supervisors' salaries	$ 2,700.00	
1106	Skilled labor	791.58	
1107	Unskilled labor	9,341.52	
1214	Farm supplies	4,812.24	
1215	Forage and supplies for animals	333.81	
1601	Motor vehicles upkeep	1,540.71	
1801	Repairs to equipment and fixtures	118.17	
1802	Repairs to buildings and structures	41.00	
3107	Motor vehicles purchase	801.00	
3114	Farm equipment	552.83	
3115-D	Livestock dairy	955.00	
3114-D	Dairy equipment	214.02	
3114-H	Hogs	85.04	
1215-D	Forage for dairy	2,983.23	
1107-P	Unskilled labor (poultry)	325.00	
3115	Livestock	140 00	
3114-P	Poultry equipment	104 03	
1215-P	Supplies for poultry	1,302.25	
1106-P	Skilled labor (poultry)	850.00	
1214-P	Farm supplies (poultry)	1,467.30	
1214-H	Farm supplies (hogs)	230 13	
1105-D	Supervisors' salaries (dairy)	1,288.55	
1106-D	Skilled labor (dairy)	1,580.70	
1214-D	Farm supplies for dairy	650.09	
	Total agricultural		33,208.20
	Total disbursements		$222,643.58

SCHEDULE G-3

CASH RECONCILEMENT

June 30, 1927

	Maintenance Fund	Extension Fund	Permanent Improvement Fund	TOTAL
Receipts	$ 222,643.58	$ 18,553.45	$ 87,541.10	$ 328,738.13
Disbursements	222,643.58	19,039.35	87,587.87	329,270.80
		$ 485.90*	$ 46.77*	$ 532.67*
Outstanding checks	$ 16,411.40	1,227.91	46.77	17,686.08
Book balance				$ 17,153.41
Treasurer's balance			$ 14,103.41	
Petty cash deposited in July			3,000.00	
Voucher No 8566 listed on Voucher Register as $38.50 paid $88.50. Security Mills			50.00	
				$ 17,153.41

*Deficit.

SCHEDULE G-5

MAINTENANCE—PER CAPITA COST

July 1, 1926, to June 30, 1927

Function	Expenditures	Average Number Patients	Average Per Capita Cost		
			For Period	Per Month	Per Day
Office and administration	$ 13,610.40	252	$ 54.01	$ 4.50	$ 0.1480
Subsistence	74,084.63		293.99	24.50	0 8050
Housekeeping	19,171.76		76 08	6 34	0.2084
Laundering	3,945.66		15.66	1.30	0.0429
Medical and surgical care	17,482.08		69.37	5 78	0.1900
Nursing and attendance	9,844 60		39.06	3.26	0.1070
Light, heat, power, and water	36,743.47		145.81	12.15	0.3994
Care of buildings, grounds and equipment	13,662.98		54.22	4.52	0.1486
Instructional	666.95		2.65	.22	0.0073
Recreational	222.85		.88	.07	0.0024
Agricultural	33,208.20		131.78	10.98	0.3610
TOTALS:					
Cost of operations	$ 222,643.58				
Average number of patients		252			
Average per capita cost:					
Per period			$ 883.51		
Per month				$ 73.62	
Per day					$ 2.4200
Average cost per month	18,552.24				
Average cost per day	609.84				

SCHEDULE G-6

FOOD ITEMS—PER CAPITA COST

July 1, 1926, to June 30, 1927

	Cost	Average Number Patients	Average Per Capita Cost
FOOD ITEMS:			
1203-A Meat, fish, and fowl	$27,616.75	252	$ 109.58
1203-B Dairy products and eggs	7,206.29		28.60
1203-C Cereal food products	4,809.60		19.09
1203-D Vegetables	7,029.14		27.89
1203-E Fruit and nuts	5,709.61		22.65
1203-F Saccharine products	2,265.14		8.99
1203-G Beverages	1,184.62		4.71
1203-H Condiments, flavors, and pickles	1,637.08		6.49
1203-I Fats, oils, and miscellaneous provisions	2,276.84		9.04
Totals	$59,735.07	252	$ 237.06
FARM PRODUCTS CONSUMED AS FOOD	25,593.87		101.56
Total Food Items	$85,328.94		
Total Average Per Capita Cost			$ 338.62

EXHIBIT I

ACCOUNTS PAYABLE

June 30, 1927

Code No.'s of Account	To Whom Payable	Date of Invoice if Received	Purchase Order No.	Amount
1214	Upchurch Milling Company	6-11-27	1972	$ 40.00
3108	The S. & H. X-Ray Company	6-28-27	1938	61.00
1501	Foss & Middas	6-29-27		126.58
1208	Carbide and Carbon Chemical Company	6-21-27		16.00
3104	Daniel Miller Company	6- 1-27		16.05
1205	American Laundry Machinery Company	6-17-27		2.13
1214	Page & Buchan	6-23-27		41.75
3114	M. G. Newell Company	6-21-27		27.03
1501	Modern Hospital Publishing Company	6-20-27		3.00
3106	Winchester Surgical Supply Company	6-27-27		8.84
1207	Justice Drug Company	6-29-27		5.01
1203	W. I. Anderson & Company	6-30-27		24.49
1203	The Levering Coffee Company	6-27-27		16.50
1203	G. L. Arthur	6-29-27		26.46
1215-P	Phillips Fertilizer Company	6-17-27		37.65
1215-P	S. T. Beveridge Company	6-17-27		13.60
1220	Graybar Electric Company		1961	5.00
3103	L. Barth & Company		2017	38.50
3103	L. Barth & Company		1957	17.00
3104	L. Barth & Company		1952	18.15
3103	L. Barth & Company		1942	105.80
1203	Catawba Creamery Company		1981	8.40
1203	The Corbett Company		1946	125.25
3103	Dublin & Martin Company		1960	5.00
1207	J. F. Hancock Company		2036	5.00
1227	Jones Brothers Company		2031	6.00
1203	Morris & Company		2034	65 50
3114-D	M. G. Newell Company		2004	46.00
1214-D	M. G. Newell Company		2003	28.25
1201	Southern Stamp and Stationery Company		2028	7.00
1222	Surgical Selling Company		2019	54.00
1601	Standard Oil Company		2024	102.40
1601	Standard Oil Company		2025	40.00
1601	Standard Oil Company		2026	35.00
1208	Worthington Pump and Machinery Company		2030	24.00
1203	Wilson & Company		2032	207.25
1202	Worrell Manufacturing Company		1859	8.75
	Total			$ 1,418.34

EXHIBIT J

FARM AND DAIRY

July 1, 1926, to June 30, 1927

	Quantity	Price	Amount	Total
FARM PRODUCTS CONSUMED AS FOOD:				
Broilers	1,909	$ 0.40	$ 763.60	
Eggs	775 doz.	.40	310.00	
Onions	1,261 lbs.	.04	50.44	
Hogs (dressed)	18,997 lbs.	.20	3,799.40	
Greens	335 lbs.	.07½	25 13	
Peaches	170 bu.	1.00	170.00	
Beets	4 bu.	2.00	8.00	
Milk	30,323 gal.	.60	18,193.80	
Beef	7,064 lbs.	.12½	883.00	
Squash	17 bu.	1.50	25.50	
Potatoes	206 bu.	1.75	360.50	
Beans	46 bu.	1.50	69.00	
Corn	1,213 doz.	.25	303.25	
Radishes	110 lbs.	.10	11 00	
Turnips	1,860 lbs.	.02½	46.50	
Sausage	610 lbs.	.28	170.80	
Spare ribs	78 lbs.	.20	15.60	
Lard	103 lbs.	.15½	15.90	
Liver pudding	42 lbs.	.20	8.40	
Tomatoes	6 bu.	1.00	6.00	
Peas (shelled)	7 bu.	5.35	36.75	
Beans	61 bu.	2.50	152.50	
Watermelons	591	.15	88 65	
Cabbage	2,200 lbs.	.03½	77.00	
Cucumbers	2 bu.	.75	1.50	
Canteloupes	35	.05	1.65	
Total				$25,593.87
FARM PRODUCTS CONSUMED ON FARM:				
Ensilage	400 tons	$ 10.00	$4,000.00	
Oats and vetch	125 tons	30.00	3,750.00	
Stover	75 tons	10.00	750.00	
Vegetables for 14 families			550.00	
Total				9,050.00
FARM PRODUCTS CONSUMED OTHERWISE:				
Sales of products			$ 3,530.76	
Ensilage	100 tons		1,000 00	
Peaches	291 bu.	$ 1.50	436.50	
Lumber	37,328 ft.	14.50	541.25	
Stumps	2,272	.10	227.20	
Total				5,735.71
LABOR AND TRUCK HIRE:				
Days labor	1,241	$ 1.75	$ 2,171.75	
Days truck	52	10.00	520.00	
TOTAL INCOME FROM FARM				2,691.75
				$43,071.33
LESS COST OF OPERATIONS:				
Maintenance			$33,208.20	
Farm products consumed on farm			9,050.00	
				42,258.20
Nominal profits on operations				$ 813.13

EXHIBIT H

INVENTORIES

June 30, 1927

MAINTENANCE:			
Office and Administration:			
1201	Office supplies	$ 220.55	
1301	Postage	137.18	
1501	Printing	236.39	
1601	Motor vehicles—upkeep	163 70	
2203	Premium on bond	20.00	
			$ 777.82
SUBSISTENCE:			
1203	Food supplies		3,274.39
HOUSEKEEPING:			
1202	Cleaning and household supplies	$5,892.95	
1204	Sewing supplies and dry goods	9.39	
1217	Refrigeration supplies	25.45	
1222	Wearing apparel	379.50	
1223	Miscellaneous fuel	3.50	
			6,310.79
LAUNDERING:			
1205	Laundry supplies		392.93
MEDICAL AND SURGICAL CARE:			
1206	Medical and surgical supplies	$ 371.75	
1207	Drugs	3,015.00	
1208	Laboratory supplies	633.69	
			4,020.44
LIGHT, HEAT, POWER, AND WATER:			
1218	Power and heating plant supplies	$ 59.95	
1224	Coal	3,000.00	
1229	Water purification supplies	105.80	
			3,165.75
CARE OF BUILDINGS, GROUNDS, AND EQUIPMENT:			
1219	Plumbing supplies	$ 52 05	
1220	Electrical supplies	145.06	
1227	Building supplies	752.03	
			949.14
INSTRUCTIONAL:			
1209	Classroom and teachers' supplies		10.00
AGRICULTURAL:			
1214	Farm supplies	$2,604.35	
1215	Forage and supplies for animals	150.00	
1601	Motor vehicles—upkeep	80.00	
1215D	Dairy feed	3,927.45	
1214D	Dairy supplies	301.12	
1214P	Poultry supplies	72.77	
1215P	Poultry feed	293.03	
			7,428.72
EXTENSION:			
Office and Administration:			
1201	Office supplies	$ 11.63	
1301	Postage	5.00	
1501	Printing	551.27	
			567.90
MEDICAL AND SURGICAL CARE:			
1206	Medical and surgical supplies		2,001.50
	Total		$28,899.38

EXHIBIT K

SALARIES AND WAGES
For the Fiscal Year Ended June 30, 1927

CLASSIFICATION (Name or Number of Employees)	NATURE OF SERVICE	Salary or Wage Rate Per Month	COMMUTATION
OFFICE AND ADMINISTRATION:			
Executive:			
Dr. P. P. McCain	Superintendent	$ 416.66	Furnished house, provisions, garden plot and produce, milk, drugs, and sundries for self and family
Clerical:			
F. L. Eubanks	Bookkeeper	175.00	Rooms, light, water, heat, and fuel for self and family
C. C. Moss	Clerk	57.00	Room, board, drugs, and laundry
Mrs. C. W. Covington	Stenographer	100.00	Meals and laundry
Miss S. Brabble	Stenographer	60.00	Room, board, drugs, and laundry
Miss S. Pyatt	Editor	40.00	Room, board, drugs, and laundry
Miss A. Callahan	Stenographer	50.00	Room, board, drugs, and laundry
SUBSISTENCE:			
Supervisors' salaries:			
F. D. Cliff	Steward	150 00	Unfurnished house, meals, and laundry for self
Rowland Monroe	Chef	100.00	Room, board, drugs, and laundry
Strickland Olden	Baker	100.00	Room, board, drugs, and laundry
McGregor Gilbert	Cook	65.00	Board
Patterson Nathan	Assistant cook	45.00	Room, board, drugs, and laundry
Fifteen helpers		30.00	Room, board, drugs, and laundry
HOUSEKEEPING:			
Supervisors' salaries:			
Miss E. Connolly	Superintendent nurse	25.00	Room, board, drugs, and laundry
Mrs. M. Flanagan		40.00	Room, board, drugs, and laundry
Mrs. C. E. Broadfoot (col.)		20.00	Room, board, drugs, and laundry
Fifteen helpers		30.00	Room, board, drugs, and laundry
LAUNDERING:			
Supervisors' salaries:			
J. A. Jordan	Laundryman	115.00	Unfurnished rooms, laundry for self and family
MEDICAL AND SURGICAL CARE:			
Professional and technical salaries:			
S. M. Bittinger, M D	Resident physician	275.00	Furnished rooms, board, drugs, laundry for self and family
J. H. Williams, M.D.	Assistant resident physician	200.00	Furnished rooms, board, drugs, laundry for self and family
W. G. Byerly, M.D.	Assistant resident physician	175.00	Furnished rooms, board, drugs, laundry for self and family
J. F. Simpson	Laboratory technician	150 00	Furnished rooms, board, drugs, laundry for self and family
Miss Maude Mann	Assistant laboratory technician	50.00	Furnished room, board, drugs, laundry
S. E. Lee, M.D.	Clinic physician	250.00	Furnished rooms, board, drugs, laundry for self and family
P. A. Yoder, M.D.	Clinic physician	225.00	Furnished rooms, board, drugs, laundry for self and family
E. M. Medlin, D.D.S.	Dentist (twice a week)	75.00	None

SALARIES AND WAGES—CONTINUED

CLASSIFICATION (Name or Number of Employees)	NATURE OF SERVICE	Salary or Wage Rate Per Month	COMMUTATION
NURSING AND ATTENDANCE:			
Miss E. Connolly	Superintendent	$ 125.00	Furnished room, board, drugs, and laundry
Mrs. C. E. Broadfoot (col.)	Nurse	75.00	Furnished room, board, drugs, and laundry
Miss Lonie Hooker	Ward supervisor	100.00	Furnished room, board, drugs, and laundry
Miss Belle P. White	Nurse	70.00	Furnished room, board, drugs, and laundry
Twenty	Student nurse	15.00	Furnished room, board, drugs, and laundry
LIGHT, HEAT, POWER, AND WATER:			
I. E. McAnulty	Engineer	150 00	Unfurnished cottage, water, lights, fuel
A. B. Freeman	Assistant engineer	100.00	Unfurnished cottage, water, lights, fuel
J. K. Newberry	Helper	75.00	None
C. E. Hall	Fireman	80.00	None
Abe Corbett	Fireman	75.00	Unfurnished cottage, water, lights, fuel
Millard Edwards	Filter plant operator	60.00	None
CARE OF BUILDINGS, GROUNDS AND EQUIPMENT:			
W. G. Smith	Building superintendent	240.00	None
Walter Wall		60.00	Furnished room, laundry, fuel, water, and lights
Joe Murphy		40.00	Room, board, laundry
George McArthur		40.00	None
Tinsie Fowler		20.00	Furnished room, fuel, water, lights
INSTRUCTIONAL:			
Miss Grace Moore	Teacher	40.00	Room, board, drugs, and laundry
PRISON DIVISION:			
W. L. Lineberry	Nurse	65.00	Room, board, drugs, and laundry
Raymond Ward	Guard	40.00	Room, board, drugs, and laundry
AGRICULTURAL:			
E. B. Garrett	Farm superintendent	225 00	Garden produce, unfurnished cottage, light, water, and fuel
C. W. Smith	Dairyman	240.00	Unfurnished cottage, fuel, light, water, milk, garden produce
J. L. Fuquay	Poultryman	100.00	Unfurnished cottage, fuel, light, water
Twenty helpers	Unskilled labor	40.00	Unfurnished cottage, garden produce, fuel, water, and lights

"Here's to the land of the long-leaf pine,
The summer land where the sun doth shine,
Where the weak grow strong and the strong grow great,
Here's to 'Down-Home,' the Old North State."

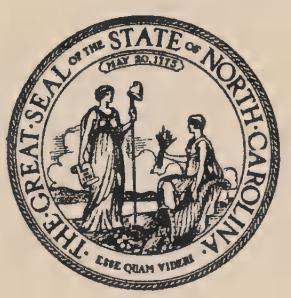
FIFTEENTH ANNUAL REPORT

of the

North Carolina Sanatorium

for the Treatment *of* Tuberculosis

SANATORIUM, N. C.



FOR THE PERIOD

From July 1, 1927, to June 30, 1928

RALEIGH
BYNUM PRINTING COMPANY
1928

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MAIN BUILDING

PERSONNEL

BOARD OF DIRECTORS

Dr. T. W. M. Long, *Chairman*.....Roanoke Rapids
Mr. U. L. Spence, *Vice-Chairman*.....Carthage
Mr. W. E. Harrison, *Secretary*.....Rockingham
Dr. J. C. Braswell.....Whitakers
Mr. J. R. Jones.....Sanford
Mr. Jonas Oettinger.....Wilson
Mr. A. B. Croom.....Winston-Salem
Mrs. Max T. Payne.....Greensboro
Mr. J. R. McQueen.....Lakeview

Superintendent and Medical Director.....P. P. McCain, M.D.
Assistant Superintendent and Resident Physician.....S. M. Bittinger, M.D.
Assistant Physician.....J. H. Williams, M.D.
Assistant Physician.....W. G. Byerly, M.D.
Assistant Physician.....C. L. Harrington, M.D.
Superintendent of Nurses.....Miss Elizabeth Connolly, R.N.
Assistant Superintendent of Nurses.....Miss Sue Burton
Dentist.....E. M. Medlin, D.D.S.
Laboratory and X-ray Technician.....J. F. Simpson, Ph.B.
Cashier and Purchasing Officer.....F. L. Eubanks
Steward.....F. D. Cliff
Farm Superintendent.....E. B. Garrett
Superintendent of Nurses, Colored Division.....Mrs. Carrie Broadfoot

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EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM FOR THE TREATMENT OF TUBERCULOSIS

Director.....P. P. McCain, M.D.
Clinic Physician.....S. E. Lee, M.D.
Clinic Physician.....P. A. Yoder, M.D.

CONSULTING STAFF

Orthopedic Surgeon.....Dr. O. L. Miller.....Gastonia
Surgery.....Dr. Geo. W. Pressly.....Charlotte
Dr. J. F. Highsmith.....Fayetteville
Eye, Ear, Nose and Throat.....Dr. Jas. M. Lilly.....Fayetteville
Dr. Wm. S. Jordan.....Fayetteville
Dr. W. P. McKay.....Fayetteville
Laryngologist.....Dr. J. B. Greene.....Asheville
Genito-urinary.....Dr. A. J. Crowell.....Charlotte
Dr. J. D. Highsmith.....Fayetteville
Pathology.....Dr. Jas. B. Bullitt.....Chapel Hill
Pharmacology.....Dr. Wm. deB. MacNider.....Chapel Hill

New Ladies' Building

LETTER OF TRANSMITTAL

To His Excellency, Governor A. W. McLean, *Raleigh, N. C.*

Sir:—I have the honor to transmit herewith the report of the Superintendent of the operations of The North Carolina Sanatorium for the Treatment of Tuberculosis for the fiscal year ending June 30, 1928.

The report of the Superintendent is accepted as the report of the Board of Directors.

Respectfully submitted,

T. W. M. Long,

Chairman, Board of Directors.

Fifteenth Annual Report

of

The North Carolina Sanatorium

for the Treatment *of* Tuberculosis

Dr. T. W. M. Long, *Chairman, Board of Directors, North Carolina Sanatorium, Roanoke Rapids, N. C.*

Dear Dr. Long:—I beg to submit herewith the Fifteenth Annual Report of The North Carolina Sanatorium for the Treatment of Tuberculosis for the fiscal year closing June 30th, 1928.

Separate detailed information concerning the medical, laboratory and X-ray work of the white, colored and prison divisions will be found in the body of the report. Summaries of the work of the Extension Department and of the Auditor's report are also included.

We had a daily average during the year of 286 patients and our daily per capita cost was $2.29 as against $2.42 for the previous year.

We were greatly handicapped for a while by the complete loss of our dairy barn by fire on May 3rd. The fire originated at two-thirty in the morning supposedly from an electric wire. Our Executive Committee took immediate steps to replace the buildings, all of which were fairly well covered by insurance. The Budget Bureau secured the necessary funds for their replacement from the emergency loan fund. We now have a barn which is modern in every respect, the first story of which is fireproof.

Our most important building project for the year has been our women's building. This is fireproof throughout and will accommodate 120 patients. The rooms are all arranged in suites with bath between and with casement window enclosed sleeping porches for all the units. We are expecting the building to be ready for use by the first of October. We are in hopes that the next General Assembly will grant us an appropriation to add a central wing to this building for the housing of our X-ray, laboratory and operating room so that we can use the building for an infirmary. One wing of our present infirmary is largely of wood construction and constitutes considerable hazard for the housing of our bedridden patients.

The installation of casement windows in our main building at our white division and at our colored division has added very materially to the comfort and the well-being of our patients. Other additions to

our plant have been a doubling of our cold storage and refrigerating plant, a mule barn and a granary.

We feel that anti-tuberculosis work among children offers the greatest opportunity for striking at the root of the evils of the Great White Plague. During the last two years we have been working in coöperation with the local school and health authorities in conducting tuberculosis clinics for children in the various parts of the State. Our plan is to give the intracutaneous tuberculin test to all the children to be studied and to make a physical examination and antero-posterior and oblique X-ray pictures on all those who give a positive tuberculin test. We have studied in this way 25,048 children, representing all classes and conditions, white and colored, rich and poor, urban and rural. A tabulated report of our results will be found elsewhere. Suffice it to say here that of the 25,048 children tested 5,659, or 22.59 per cent, gave a positive tuberculin reaction. 431 children showed demonstrable tuberculosis, by far the greater majority being of the tracheobronchial type. Those showing demonstrable tuberculosis represent 1.79 per cent of the total number tested, or 7.62 per cent of the number showing a positive tuberculin reaction.

Practically all of these children have been discovered at a stage when the disease can be cured and also before it has become infectious to others. If the clinics did no more than save the lives of 431 children they would be well worth while. We feel, however, that this is relatively a small part of the good accomplished through the clinics. By locating the other 5,118 children who are infected with tubercle bacilli, but who are not yet tuberculous and by teaching these children and their parents the importance of safe-guarding their health, a large number who would probably have later on developed tuberculosis will escape its ravages.

We know, of course, that we cannot examine all the school children in the State and for this reason we have been endeavoring to make these school clinics demonstration clinics. We work in coöperation with the school and health authorities and the local medical profession. We use local X-ray machines in making the X-ray pictures of the children, demonstrating to the local X-ray men the best technic for children's chest films. We of course refer the children to their local physician for the correction of any defects found. We try to get the local teachers, health officers and medical fraternity so interested in the work that they will carry on the clinic themselves. For this purpose we furnish the necessary charts and the tuberculin for the test and we are always glad to assist them in their doubtful cases.

We have been greatly pleased at the splendid coöperation which we have had in conducting the clinics and over the enthusiasm which has been aroused. There is such a demand for the children's clinics that we are already dated up through the school session of 1929 and 1930. We are greatly in need of two additional physicians to help carry on the

work both among children and adults. We are also greatly in need of four specially trained nurses to assist the physicians in their clinic work.

Our many friends have been most thoughtful of us this year. I wish to express to them all, and especially to our good Pinehurst friends, our deep appreciation for their liberality to our patients. To each of my associates and our assistants I wish to express my deep appreciation for their loyalty and for their capable and faithful assistance.

Please allow me to express to you and to each member of the Board my sincere thanks for your hearty coöperation and for the splendid service which you have rendered the cause of tuberculosis in our State.

Most respectfully yours,

P. P. McCain, M.D.

Superintendent and Director, Extension Department.

SUMMARY OF YEAR'S WORK

July 1, 1927—June 30, 1928

EXTENSION DEPARTMENT

Letters and postals received		17,117
Individual letters written		11,551
Multigraphed and mimeographed forms prepared		76
Number of copies multigraphed and mimeographed forms		75,162
Multigraphed and mimeographed letters mailed		4,811
Articles written (approximate number of words):		
Press	7,700	
Other Publications	1,100	
Sanatorium Sun	209,117	
		217,917
Copies Sanatorium Sun mailed		31,725
Articles copied (approximate number of words)		42,850
Patients' histories written		572
Approximate number of words in patients' histories		858,000
Blank cards mailed for reporting cases of tuberculosis		5,595
Number of cases reported:		
White	1,778	
Colored	800	
		2,578
Literature sent to reported cases		1,878
Other literature sent		36,987
Sputum cups distributed		209,970
Tuberculin sent physicians for von Pirquet test		489
Envelopes addressed		20,898
Enclosures sent out		13,652

REPORT OF P. P. McCAIN, M.D.

Days out of office	49
Addresses delivered	14
Number in audiences	1,515

A Group of Positive Tuberculin Reactors from One of Our School Clinics Who Came to Sanatorium for X-Ray Pictures of Their Chests

REPORT OF COUNTY TUBERCULOSIS CLINIC

ADULT

S. E. LEE, M.D., *Clinic Physician*

Number of addresses delivered		2
Total audiences		65
Number of positive cases	134	
Number of probable cases	99	
Number of doubtful cases	58	
Number of negative cases	405	
		696
Number of white examinations	642	
Number of colored examinations	54	
Total number of examinations		696

P. A. YODER, M.D., *Clinic Physician*

Number of addresses delivered		9
Total audiences		240
Number of positive cases	175	
Number of probable cases	56	
Number of doubtful cases	82	
Number of negative cases	382	
		695
Number of white examinations	628	
Number of colored examinations	67	
Total number of examinations		695

SUMMARY OF RESULTS OF SCHOOL CHILDREN'S TUBERCULOSIS CLINICS CONDUCTED BY THE EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM, IN COOPERATION WITH LOCAL HEALTH AND SCHOOL AUTHORITIES, DURING SCHOOL SESSION 1927-28

RESULTS OF TUBERCULIN TEST

	White	*Colored*	*Total*
Number given tuberculin test	15,789	1,418	17,207
Number negative reactors	12,415 (78.63%)	997 (70.31%)	13,412 (77.95%)
Number positive reactors	3,374 (21.37%)	421 (29.69%)	3,795 (22.05%)

RESULTS OF THE STUDY OF THE 3,795 POSITIVE TUBERCULIN REACTORS

			% of the 3,795 tuberculin reactors	% of the 17,207 tested
Number reactors for various reasons not examined		267	7.04	1.55
Number examined, though for various reasons not X-rayed, the majority having mild reactions and presumably no demonstrable tuberculosis		176	4.91	1.02
Number having physical examinations and X-rays of chest (postero-anterior and oblique)		3,352		
Number of reactors classified as not tuberculous	2,711		71.17	
Number classified as suspicious	365		9.61	2.12
Number having demonstrable tuberculosis	276		7.27	1.61
White 229 (6.77% of 3,374 reactors; 1.44% of 15,789 tested)				
Colored 47 (11.16% of 421 reactors; 3.31% of 1,418 tested)				
Tracheobronchial	248			
Tracheobronchial and pulmonary (parenchymal)	4			
Pulmonary (parenchymal)	14			
Extrapulmonary	8			
Extrapulmonary and tracheobronchial	2			
Total number classified as definitely not tuberculous		16,123		93.7
Positive tuberculin reactors found not tuberculous	2,711			
Negative tuberculin reactors	13,412			

One of the Schoolrooms, Children's Building

SUMMARY OF RESULTS OF SCHOOL CHILDREN'S TUBERCULOSIS CLINICS CONDUCTED BY THE EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM, IN COOPERATION WITH LOCAL HEALTH AND SCHOOL AUTHORITIES, DURING SCHOOL SESSIONS 1926-27 AND 1927-28

RESULTS OF TUBERCULIN TEST

	White	*Colored*	*Total*
Number given tuberculin test	22,550	2,498	25,048
Number negative reactors	17,574 (77.93%)	1,815 (72.66%)	19,389 (77.41%)
Number positive reactors	4,976 (22.07%)	683 (27.34%)	5,659 (22.59%)

RESULTS OF THE STUDY OF THE 5,569 POSITIVE TUBERCULIN REACTORS

			% of the 5,659 tuberculin reactors	% of the 25,048 tested
Number reactors for various reasons not examined		411	7.28	1.64
Number examined, though for various reasons not X-rayed, the majority having mild reactions and presumably no demonstrable tuberculosis		541	9.55	2.16
Number having physical examinations and X-rays of chest (postero-anterior and oblique)		4,707		
Number of reactors classified as not tuberculous	3,602		63.64	
Number classified as suspicious	674		11.91	2.69
Number having demonstrable tuberculosis	431		7.62	1.72
White 346 (1.53% of 22,550 tested; 6.95% of 4,976 reactors)				
Colored 85 (3.21% of 2,498 tested; 12.44% of 683 reactors)				
Tracheobronchial	388			
Tracheobronchial and pulmonary (parenchymal)	4			
Pulmonary (parenchymal)	23			
Extrapulmonary	14			
Extrapulmonary and tracheobronchial	2			
Total number classified as definitely not tuberculous		22,991		91.79
Positive tuberculin reactors found not tuberculous	3,602			
Negative tuberculin reactors	19,389			

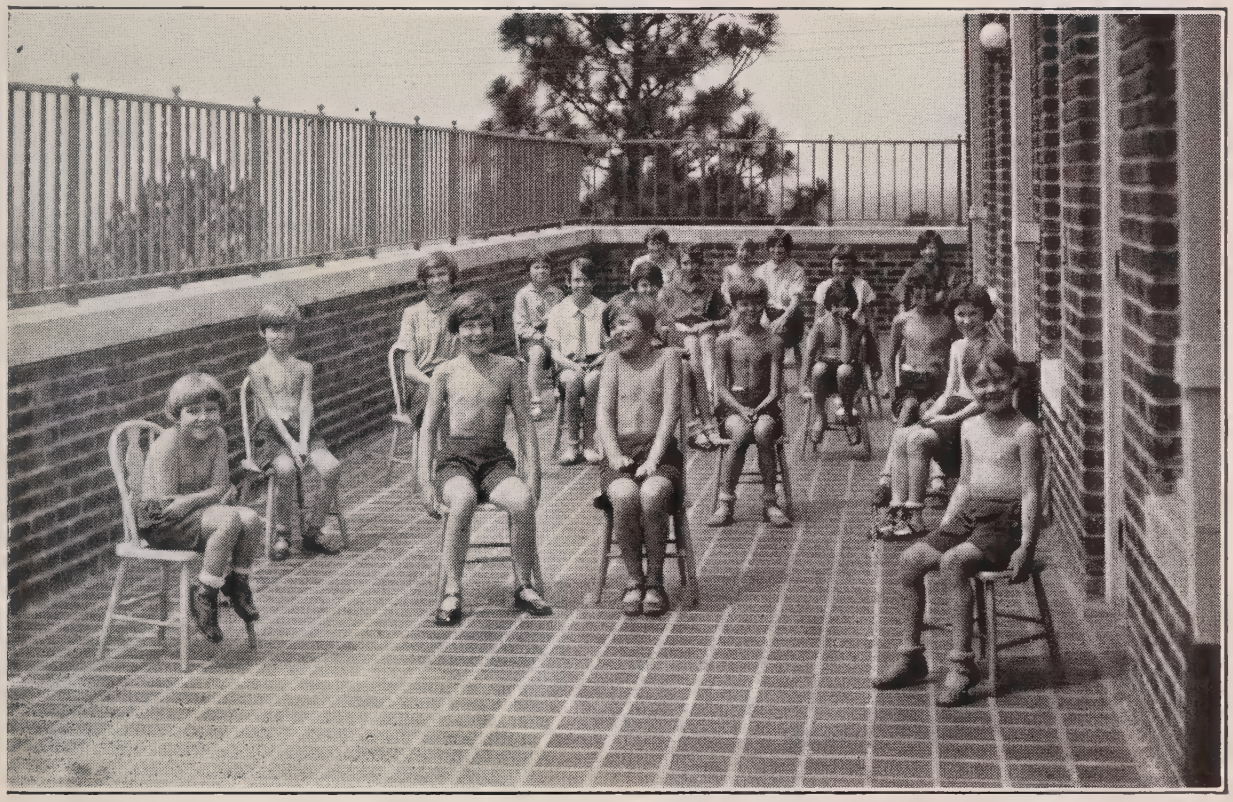
WHITE DIVISION

MEDICAL REPORT

1928

STATISTICAL

Number of patients to be reported on	305
Number not classified	3
Number not tuberculous	41
Number of patients in Sanatorium July 1, 1928	181
Total number of patients treated during the twelve months	530



Girls' Sun Porch, Children's Building

28 PATIENTS WHO STAYED LESS THAN THIRTY DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	7	A 4				2	2	
		B 3				2	1	
		C 0						
Moderately Advanced	6	A 1				1		
		B 5				4	1	
		C 0						
Far Advanced	15	A 0						
		B 5				3	2	
		C 10					10	
Total	28							

Total number of days, 485. Average stay, 17.32. Longest stay, 29. Shortest stay, 2.

Number gained weight, 16.		Number lost weight, 3.	
Average gain	3.61 lbs.	Average loss	2 lbs.
Largest gain	10 lbs.	Largest loss	2 lbs.
Smallest gain	.5 lb.	Smallest loss	2 lbs.
Stationary	3	Not weighed	6

50 PATIENTS WHO STAYED FROM THIRTY TO EIGHTY-NINE DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	22	A 22		17	2	3		
		B 0						
		C 0						
Moderately Advanced	5	A 1				1		
		B 3			1	2		
		C 1				1		
Far Advanced	23	A 0						
		B 8				7	1	
		C 15				4	10	1
Total	50							

Total number of days, 3,006. Average stay, 60.12. Longest stay, 89. Shortest stay, 30.

Number gained weight, 35.		Number lost weight, 10.	
Average gain	9.37 lbs.	Average loss	3.5 lbs.
Largest gain	28 lbs.	Largest loss	14 lbs.
Smallest gain	1 lb.	Smallest loss	.5 lb.
Stationary	2	Not weighed	3

227 PATIENTS WHO STAYED 90 DAYS OR OVER

Condition on Admission		Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 40	A 33		28	3	2		
	B 7		4	2	1		
	C 0						
Moderately Advanced 80	A 20		1	17	2		
	B 58			40	14	3	1
	C 2			1	1		
Far Advanced 107	A 1				1		
	B 66			7	42	15	2
	C 40			3	17	18	2
Total 227							

Total number of days, 56,922. Average stay, 250.76. Longest stay, 1,200. Shortest stay, 90.

Number gained weight, 180.		Number lost weight, 45.	
Average gain	12.63 lbs.	Average loss	5.43 lbs.
Largest gain	58.5 lbs.	Largest loss	27.5 lbs.
Smallest gain	.25 lb.	Smallest loss	.5 lbs.
Stationary	2	Not weighed	0

HISTORY OF HEMORRHAGE

Negative		163
Positive	Previous only	111
	Previous and during residence	23
	During residence only	8

RESULTS OF SPUTUM EXAMINATION

Negative or no sputum		138
Positive	On admission	149
	During residence	85
	On discharge	87

SEX, AGE, AND CIVIL CONDITION

Sex	Age: 10-19	20-29	30-39	40-49	50-59	60-69	Civil Condition: Single	Married	Widowed	Divorced
Male 144										
Female 161	43	124	76	40	17	5	129	163	11	2
Total 305										

NATIONALITY: Americans, 304. Syrian, 1.

TUBERCULOUS COMPLICATIONS

Adenitis (cervical)	2	Otitis media	9
Anal fistula	3	Peritonitis	3
Empyema	2	Pharyngitis	1
Enteritis	24	Pleurisy with effusion	5
Hydro-pneumothorax	1	Pyo-pneumothorax (spontaneous)	1
Laryngitis	33	Tuberculous hip joint	1
Meningitis	1		

NON-TUBERCULOUS COMPLICATIONS

Acne	2	Laryngitis	1
Alveolar abscess	5	Leucoderma	1
Arthritis	2	Lues	6
Asthma (bronchial)	5	Lung abscess	1
Atrophic rhinitis	1	Malignancy of rectum	1
Blepharitis	4	Mitral regurgitation	2
Blindness (traumatic)	1	Mitral stenosis	1
Bronchiectasis	5	Nasopharyngitis	1
Bronchitis	3	Nephritis	6
Cardiac decompensation	1	Otitis media (chronic)	1
Carious teeth	20	Pellagra	1
Cholecystitis	2	Pelvic cellulitis	1
Clubbed foot	1	Perforated nasal septum	2
Cystitis	1	Pregnancy	4
Cystocele	1	Prolapsed uterus	1
Deafness (complete)	1	Psoriasis	1
Deafness (partial)	1	Pyorrhea	60
Deviated nasal septum	2	Retroversion of uterus	11
Duodenal ulcer	2	Rhinitis (chronic)	15
Endocarditis	2	Sinusitis	4
Erosion of cervix	1	Spondylitis	1
Goiter (simple)	1	Squamous epithelioma	1
Hemorrhoids	2	Strabismus	2
Hookworm disease	30	Tonsillitis	21
Hypertension	2	Undescended testicle	1
Laceration of cervix	1	Vaginitis	1
Laceration of perineum	4	Varicose veins	2

OCCUPATIONS

Baker	1	Insurance agent	3
Barber	3	Laborer	7
Bookkeeper	4	Linotype operator	1
Bus driver	1	Lumberman	1
Cabinet maker	1	Manager hardware store	1
Carpenter	2	Manager tea room	1
Clerk	23	Manager telephone office	1
Coast guard	1	Mechanics	6
Collector	1	Merchants	4
Dairy Extension specialist	1	Metal lathing	1
Farmers	35	Mill worker	33
Fisherman	1	Minister	1
Housework	96	Nurses	5

Painter	3
Policeman	1
Poultryman	1
Printer	1
Railway clerk	1
Salesman	9
Stenographers	9
Stone cutter	1
Students	31
Teacher	8
Telephone operator	2
Ticket agent	1
Truck driver	1
Welder	1

COUNTIES FROM WHICH THE 305 PATIENTS CAME

Alamance	4
Alexander	1
Alleghany	1
Anson	1
Beaufort	3
Bertie	4
Brunswick	1
Buncombe	8
Burke	5
Cabarrus	12
Caldwell	2
Carteret	2
Catawba	4
Chatham	1
Cherokee	1
Cleveland	3
Columbus	3
Craven	3
Cumberland	2
Currituck	1
Dare	2
Davidson	8
Davie	1
Duplin	1
Durham	10
Edgecombe	4
Forsyth	11
Franklin	1
Gaston	9
Gates	2
Granville	3
Guilford	2
Halifax	11
Harnett	5
Haywood	1
Hertford	3
Hoke	4
Iredell	5
Johnston	9
Lenoir	2
Lincoln	2
Madison	1
Martin	3
Mecklenburg	2
Montgomery	3
Moore	1
Nash	4
New Hanover	6
Northampton	2
Onslow	2
Orange	1
Pamlico	1
Pasquotank	2
Perquimans	1
Person	1
Pitt	9
Randolph	3
Richmond	9
Robeson	10
Rockingham	9
Rowan	12
Rutherford	4
Sampson	4
Scotland	2
Stanly	5
Surry	9
Union	3
Vance	1
Wake	13
Warren	1
Wayne	13
Wilkes	2
Wilson	8

TOWNS FROM WHICH THE 305 PATIENTS CAME

Ahoskie	1
Albemarle	3
Andrews	1
Asheboro	1
Asheville	4
Atlantic	1
Aulander	3
Ayden	1
Badin	2
Bailey	3
Barium Springs	1
Belmont	1

Benson	1
Bessemer City	1
Bethel	1
Biscoe	1
Black Creek	1
Bostic	1
Burlington	1
Carrboro	1
Catherines Lake	1
Cerro Gordo	1
Charlotte	2
China Grove	2
Chocowinity	1
Clayton	1
Coats	1
Como	1
Concord	6
Conway	1
Cooleemee	1
Cramerton	1
Dallas	2
Delco	1
Draper	2
Dunn	1
Durham	9
Edward	1
Elizabeth City	2
Elizabethtown	1
Elkin	1
Ennice	1
Erlanger	1
Erwin	2
Eure	1
Fairmont	1
Falcon	1
Farmer	1
Forest City	2
Four Oaks	1
Fremont	2
Fuquay Springs	1
Garysburg	1
Gastonia	4
Glen Raven	1
Goldsboro	3
Greenville	7
Halifax	2
Hamlet	2
Harrellsville	1
Hasty	1
Hatteras	2
Henderson	1
Hertford	1
Hickory	4
High Point	2
Hildebrand	1
Hobbsville	1
Hobucken	1
Ivanhoe	1
Kannapolis	5
Kernersville	1
Kinston	2
Laurinburg	1
Lawndale	1
Lawsonville	2
Leaksville-Spray	1
Leicester	2
Lenoir	2
Lexington	2
Lillington	1
Lincolnton	2
Littleton	1
Louisburg	1
Lucama	1
Lumberton	3
Mars Hill	1
Mayodan	1
Maxton	3
Mebane	2
Middlesex	1
Millboro	1
Mooresville	1
Morganton	4
Mt. Airy	3
Mt. Gilead	1
Mt. Olive	8
Mt. Pleasant	1
New Bern	1
Norlina	1
North Wilkesboro	2
Oxford	3
Parkton	1
Pilot Mountain	1
Pinetops	1
Polkton	1
Princeton	2
Raeford	4
Raleigh	10
Reidsville	1
Richlands	1
Robersonville	1
Rockingham	7
Rockwell	1
Rocky Mount	2
Roseboro	1
Rose Hill	1
Rosemary	5
Rougemont	1
Roxboro	1
Salemburg	1
Salisbury	7

Scotland Neck	2	Thomasville	5
Selma	2	Troy	1
Shelby	2	Unionville	2
Siler City	1	Vanceboro	2
Siloam	1	Wake Forest	1
Smithfield	2	Washington	1
Southern Pines	1	Waxhaw	1
Southport	1	Waynesville	1
Spencer	2	Weaverville	2
Spindale	1	Weldon	1
Spray	2	Wendell	1
Spring Hope	1	Westfield	3
Stacy	1	Whiteville	1
Stantonsburg	1	Williamston	2
Statesville	3	Wilmington	6
Stedman	1	Wilson	4
St. Pauls	2	Windsor	1
Tarboro	1	Winston-Salem	10
Taylorsville	1	Woodleigh	1

OUTSIDE PATIENTS EXAMINED FOR DIAGNOSIS AND CONSULTATION

July	170	January	113
August	147	February	98
September	158	March	109
October	110	April	149
November	116	May	112
December	112	June	161

CLASSIFICATION

Reëxaminations	256
Positive diagnosis	406
Negative diagnosis	893
	1,555

Dining Room, Children's Building

SUMMARY FOR MEDICAL REPORT

July 1, 1927, to June 30, 1928

Patients admitted:	
Minimal	69
Moderately advanced	111
Far advanced	123
Not classified	6
Not tuberculous	36
Tracheobronchial tuberculosis	3
Total	348
Patients discharged:	
Apparently arrested	50
Quiescent	76
Improved	110
Unimproved	63
Died	6
Not classified	3
Not tuberculous	41
Total	349
Hospital days	62,692

REPORT OF X-RAY LABORATORY

Stereoroentgenograms of chest (Sanatorium patients)	465
Stereoroentgenograms of chest (clinic patients)	812
Double roentgenograms of chest (children's clinic)	3,300
Roentgenograms, other parts of body	232
Total	4,809
X-ray treatments	95

LABORATORY REPORT

Sputanalyses:		
Micros.	2,660	
Chem.	979	
Total		3,639
Urinalyses:		
Culture	1	
Micros.	734	
Chem.	728	
Total		1,463
Blood:		
W. B. C.	517	
R. B. C.	502	
Differential count	496	
Hemoglobin	508	
Color Index	494	
Malaria	14	
Wassermann	140	
Kahn tests	449	
Urea	22	
Culture	6	
Sugar	1	
Widal	2	
Agglutination	3	
Coagulation	1	
Total		3,155
Feces	502	
Gastric analysis	47	
Phthalein	41	
Bacteriological	34	
Basal metabolic rate	14	
Fractional Ewald	4	
Pleural fluid	35	
Total		677
Water:		
Bacterial count	257	
For Coli	257	
		514
Milk:		
Bacterial count	42	
For Coli	42	
		84
Total examinations and tests		9,532

ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Red Cross, Raeford	1
Baptist Orphanage, Thomasville	2
Board of County Commissioners, Bladen	1
Board of County Commissioners, Cabarrus	1
Board of County Commissioners, Cleveland	2
Board of County Commissioners, Columbus	1
Board of County Commissioners, Cumberland	1
Board of County Commissioners, Forsyth	10
Board of County Commissioners, Gaston	18
Board of County Commissioners, Gates	1
Board of County Commissioners, Halifax	2
Board of County Commissioners, Harnett	1
Board of County Commissioners, Hertford	1
Board of County Commissioners, Hoke	3
Board of County Commissioners, Johnston	1
Board of County Commissioners, Mecklenburg	5
Board of County Commissioners, Nash	1
Board of County Commissioners, Pasquotank	2
Board of County Commissioners, Rockingham	1
Board of County Commissioners, Rowan	2
Board of County Commissioners, Stanly	1
Board of County Commissioners, Surry	1
Board of County Commissioners, Union	2
Charity Organization Society, Goldsboro	4
City of Winston-Salem	8
Erwin Cotton Mill Company, Durham	1
Masonic Lodge No. 781, Asheville	1
Methodist Orphanage, Raleigh	3
Oxford Orphanage, Oxford	2
Presbyterian Orphanage, Barium Springs	2
Public Welfare, Beaufort	3
Public Welfare, Boone	1
Public Welfare, Burlington	2
Public Welfare, Durham	7
Public Welfare, Elizabeth City	1
Public Welfare, Jackson	1
Public Welfare, Kinston	1
Public Welfare, Lillington	1
Public Welfare, Monroe	1
Public Welfare, Murphy	1
Public Welfare, Newton	1
Public Welfare, Reidsville	1
Public Welfare, Rockingham	7
Public Welfare, Salisbury	5
Queen City Lodge No. 602, Rocky Mount	1
Rosemary Manufacturing Company, Rosemary	2
Rotary Club, Hickory	1
Standard Oil Company, Charlotte	1
Tuberculosis Association, Cabarrus County	10
Tuberculosis Seal Sale Committee, coöperating with the Woman's Club, Raleigh	7
United Daughters of the Confederacy, Free Bed Fund	2

PERSONS FROM WHOM DONATIONS WERE RECEIVED

Books and magazines:

Mr. N. H. G. Balfour, Lumber Bridge, N. C.
Mrs. W. A. Wilkins, Southern Pines, N. C.
Young People's Association, Southern Pines, N. C.
Junior Guild, Raleigh, N. C.
Miss Emily Stribbling, Roanoke Rapids, N. C.
Literary Department, Woman's Club, Raeford, N. C.
Mrs. F. C. Brush, Chairman, Cheerful Letter Committee, All Souls Church, N. Y., Monclair, N. J.
Mrs. Henry Weil, Goldsboro, N. C.
Miss Penelope Bland, Asheville, N. C.
The Associated Charities, Raleigh, N. C.

Candies, cakes, nuts, fruits, flowers, etc.:

Woman's Club, Raeford, N. C.
Mrs. Charles Livingston Cushman, Pinehurst, N. C.
St. Anne's Guild, Church of the Good Shepherd, Raleigh, N. C.
Baptist C. E. Society, Southern Pines, N. C.

Library for Children's Building:

Mrs. John L. Given, Pinehurst, N. C.

Miscellaneous gifts:

Mrs. S. P. Hopkins, Pinehurst, N. C.
Miss Janette H. Baxter, Saratoga, California.
Mrs. R. M. Housel, Concord, N. C.
Miss Cheshire, Raleigh, N. C.
Mr. E. B. Crow, Raleigh, N. C.
Friends through Mrs. J. R. Page, Aberdeen, N. C.
Girls Auxiliary, Baptist Church, Aberdeen, N. C.
Mrs. H. A. Cameron, Raeford, N. C.
Mrs. H. R. Cromartie, Raeford, N. C.
Miss Bertie Rivers, Aberdeen, N. C.
Miss Floy Martin, Aberdeen, N. C.
Mrs. Charles Rankin, Fayetteville, N. C.
Mrs. Murdock McLeod, Pinehurst, N. C.
Mrs. H. L. McLaurin, Maxton, N. C.

Player Piano and Music rolls:

Mr. Robert Morrison, Pinehurst, N. C.
Mrs. John L. Given, Pinehurst, N. C.

Happy and Growing Healthy

CHILDREN'S DIVISION

MEDICAL REPORT

1928

STATISTICAL

Number of patients to be reported on	72
Number not classified	1
Number not tuberculous	18
Number of patients in Sanatorium July 1, 1928	59
Total number of patients treated during the twelve months	150

SUMMARY MEDICAL REPORT

Patients admitted:		
Parenchymal tuberculosis		14
Minimal	7	
Moderately advanced	5	
Far advanced	2	
Tracheobronchial tuberculosis		71
Not tuberculous		16
Not classified		4
Total		105
Patients discharged:		
Arrested		0
Apparently arrested		59
Quiescent		4
Improved		7
Unimproved		1
Died		1
Not classified		1
Not tuberculous		18
Total		91
Hospital days		18,662

SEX AND AGE

Sex		Age 4-9	Age 10-15
Male	40	27	45
Female	32		
Total	72		

TUBERCULOUS COMPLICATIONS

Cervical adenitis	1
Pleurisy with effusion	1
Tuberculous pneumonia	1

NON-TUBERCULOUS COMPLICATIONS

Bronchiectasis	1	Lues (congenital)	3
Diseased adenoids	1	Mitral regurgitation	1
Diseased tonsils	27	Otitis media	2
Dwarf tapeworm	1	Rhinitis	1
Enuresis	1	Scabies	2
Hookworm disease	5	Sinusitis	1
Impetigo	1	Strabismus	3

Nurses' Home

COLORED DIVISION

MEDICAL REPORT

1928

STATISTICAL

Number of patients to be reported on	104
Number not classified	1
Number not tuberculous	6
Number of patients in Sanatorium July 1, 1928	44
Total number of patients treated during the twelve months	155

14 PATIENTS WHO STAYED LESS THAN 30 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	0	A 0						
		B 0						
		C 0						
Moderately Advanced	2	A 0						
		B 2				2		
		C 0						
Far Advanced	12	A 0						
		B 3				1	1	1
		C 9				1	7	1
Total	14							

Total number of days, 273. Average stay, 19.5. Longest stay, 29. Shortest stay, 9.

Number gained weight, 7.		Number lost weight, 5.	
Average gain	4.2 lbs.	Average loss	2 lbs.
Largest gain	9 lbs.	Largest loss	6 lbs.
Smallest gain	.75 lb.	Smallest loss	.5 lb.
Stationary	0	Not weighed	2

24 PATIENTS WHO STAYED 30 TO 89 DAYS

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	3	A 3				3		
		B 0						
		C 0						
Moderately Advanced	2	A 0						
		B 2				2		
		C 0						
Far Advanced	19	A 0						
		B 9				4	4	1
		C 10				3	7	
Total	24							

Total number of days, 1,448. Average stay, 60.33. Longest stay, 89. Shortest stay, 31.

Number gained weight, 16.		Number lost weight, 7.	
Average gain	10.42 lbs.	Average loss	6.6 lbs.
Largest gain	37.50 lbs.	Largest loss	12.5 lbs.
Smallest gain	.5 lb.	Smallest loss	2 lbs.
Stationary	1	Not weighed	0

66 PATIENTS WHO STAYED 90 DAYS OR OVER

Condition on Admission			Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	9	A 8			2	6		
		B 1				1		
		C 0						
Moderately Advanced	14	A 2				2		
		B 10				7	2	1
		C 2				1	1	
Far Advanced	43	A 0						
		B 28			1	13	11	3
		C 15				6	4	5
Total	66							

Total number of days, 15,456. Average stay, 234.18. Longest stay, 724. Shortest stay, 90.

Number gained weight, 42.		Number lost weight, 24.	
Average gain	14.75 lbs.	Average loss	11.5 lbs.
Largest gain	44 lbs.	Largest loss	27 lbs.
Smallest gain	1 lb.	Smallest loss	1 lb.
Stationary	0	Not weighed	0

HISTORY OF HEMORRHAGE

Negative		64
Positive	Previous only	22
	Previous and during residence	12
	During residence only	6

RESULTS OF SPUTUM EXAMINATIONS

Negative or no sputum		35
Positive	On admission	69
	During residence	29
	On discharge	29

SEX, AGE, AND CIVIL CONDITION

Sex		Age: 9-19	20-29	30-39	40-49	50-56	Civil Condition: Single	Married	Widowed	Divorced
Male	47									
Female	57	26	43	15	13	7	50	45	6	3
Total	104									

TUBERCULOSIS COMPLICATIONS

Adenitis (cervical)	2
Adenitis (general)	4
Anal fistula	3
Enteritis	16
Laryngitis	16
Otitis media	1
Peritonitis	3
Pleurisy with effusion	7

NON-TUBERCULOUS COMPLICATIONS

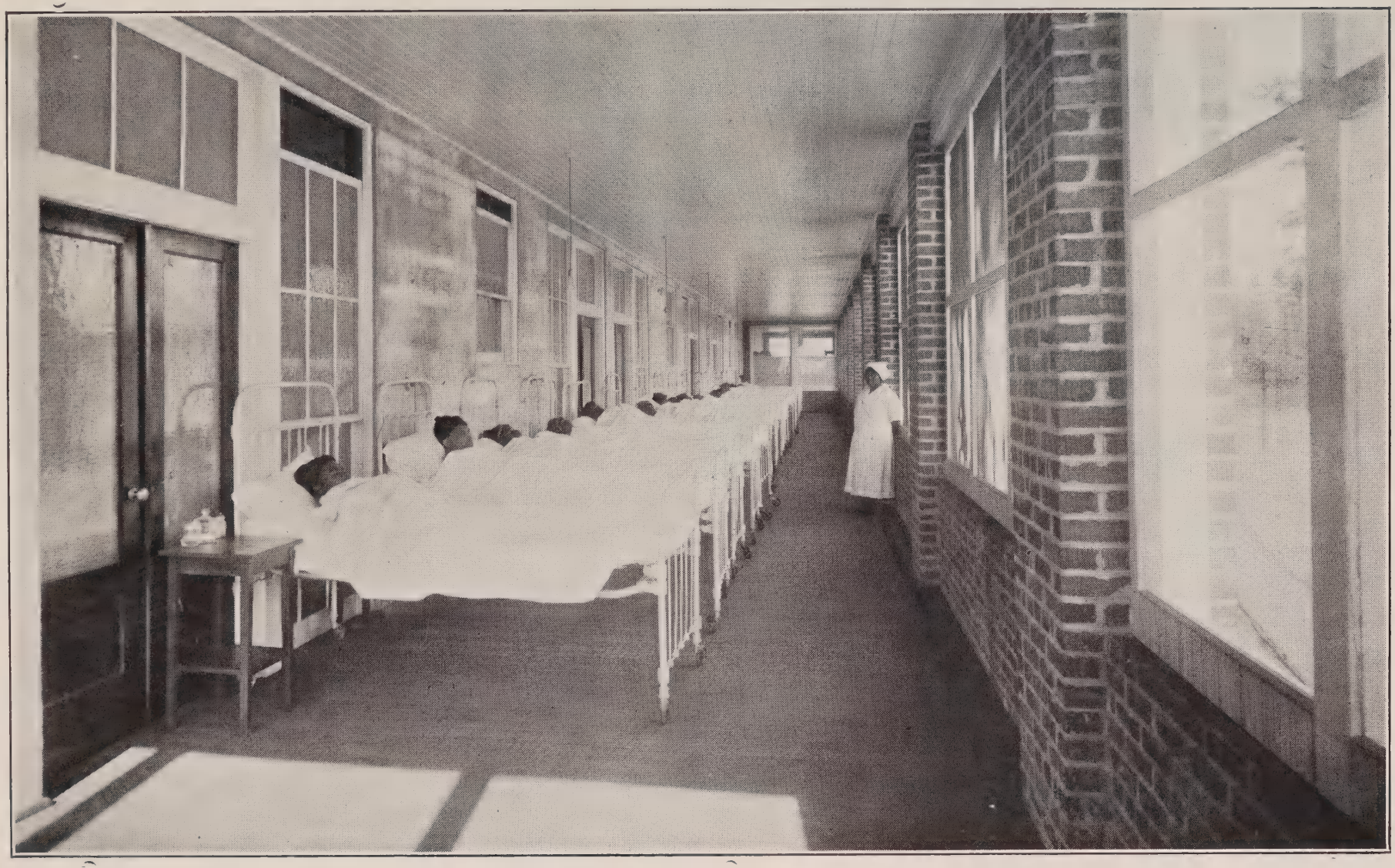
Alveolar abscess	2	Lues	18
Adenitis (inguinal)	1	Menorrhagia	1
Ankylosis of knee	1	Mitral regurgitation	4
Aortitis	2	Mitral stenosis	1
Arteriosclerosis	3	Myocarditis	2
Bronchiectasis	1	Nephritis	1
Bronchitis (chronic)	1	Paralysis (partial)	1
Carious teeth	21	Pellagra	1
Cervicitis	2	Pericarditis	1
Diabetes mellitus	2	Phimosis	1
Diseased adenoids	2	Pregnancy	4
Dysmenorrhea	2	Pyorrhea	19
Gall bladder disease	1	Retroversion of uterus	2
Hemorrhoids	3	Sinusitis	1
Hernia	1	Strabismus	1
Hookworm disease	2	Tonsilitis (chronic)	29
Hypertension	2	Uterine fibroid	1
Hypertrophied tonsils	2	Varicocele	1
Keratitis	2	Varicose veins	1

OCCUPATIONS

Butler	1	Office boy	1
Chauffeur	2	Painters	1
Concrete mixer	1	Physicians	2
Cooks	7	Professors	1
Dentists	1	Section hand	1
Farmers	10	Shoe shiner	1
Housework	33	Students	20
Insurance agent	1	Teachers	3
Janitor	3	Tobacco factory	3
Laborer	5	Truck driver	1
Mill workers	4	Waiter	1
Ministers	1		

COUNTIES FROM WHICH THE 104 PATIENTS CAME

Alamance	1	Cabarrus	1
Anson	1	Catawba	1
Beaufort	1	Chowan	1
Bertie	1	Cleveland	1
Bladen	2	Craven	2
Buncombe	1	Cumberland	7



One of the Sleeping Porches, Colored Division

Davidson	2	Moore	3
Davie	1	New Hanover	2
Durham	6	Northampton	2
Edgecombe	1	Perquimans	3
Forsyth	1	Pitt	3
Franklin	1	Randolph	1
Gaston	2	Richmond	6
Granville	1	Robeson	4
Greene	1	Rowan	4
Guilford	8	Sampson	1
Halifax	1	Scotland	3
Harnett	1	Surry	1
Henderson	2	Union	1
Hoke	4	Wake	6
Iredell	1	Wayne	2
Lee	3	Wilson	2
Lenoir	1	Yadkin	1
Martin	1		

TOWNS FROM WHICH THE 104 PATIENTS CAME

Advance	1	Lumberton	2
Asheboro	1	Milwaukee	1
Asheville	1	Monroe	1
Broadway	1	Mt. Airy	1
Clarkton	1	New Bern	2
Clinton	1	Osborne	1
Concord	2	Oxford	1
Cramerton	1	Raeford	3
Durham	6	Raleigh	3
Edenton	1	Red Springs	1
Erwin	2	Robersonville	1
Fairmont	1	Rockingham	2
Fayetteville	4	Rocky Mount	1
Garysburg	1	Salisbury	4
Gastonia	1	Sanatorium	1
Ghio	1	Sanford	2
Goldsboro	2	Snow Hill	1
Graham	1	Southern Pines	2
Greensboro	8	Statesville	1
Greenville	3	Thomasville	1
Hamlet	2	Vass	1
Hendersonville	2	Wadesboro	1
Hertford	3	Wagram	1
Hickory	1	Wake Forest	1
Jonesville	1	Washington	1
Kings Mountain	1	Wendell	1
Kinston	1	Wilmington	2
Kittrell	1	Wilson	2
Laurinburg	2	Windsor	1
Lexington	1	Winston-Salem	1
Linden	3	Zebulon	1
Littleton	1		

OUTSIDE PATIENTS EXAMINED FOR DIAGNOSIS AND CONSULTATION

July	17	January	6
August	8	February	6
September	7	March	8
October	4	April	12
November	6	May	5
December	5	June	10

CLASSIFICATION

Reëxaminations	7
Positive diagnosis	45
Negative diagnosis	42
	94

SUMMARY MEDICAL REPORT

Patients admitted:

Minimal	11
Moderately advanced	26
Far advanced	60
Tracheobronchial tuberculosis	6
Not tuberculous	6
Not classified	1
Total	110

Patients discharged:

Arrested	0
Apparently arrested	0
Quiescent	3
Improved	52
Unimproved	37
Died	12
Not tuberculous	6
Not classified	1
Total	111

Hospital days	17,816

REPORT OF X-RAY LABORATORY

Stereoroentgenograms of chest (Sanatorium patients)	130
Stereoroentgenograms of chest (outside patients)	43
Roentgenograms, other parts of body	2
Total	175
X-ray treatments	27

LABORATORY REPORT

Sputanalyses:		
Micros.	557	
Chem.	178	
Total		735
Urinalyses:		
Micros.	220	
Chem.	220	
Total		440
Blood:		
W. B. C.	101	
R. B. C.	97	
Hemoglobin	97	
Color Index	97	
Differential count	100	
Kahn test	119	
Wassermann	72	
Widal	1	
Urea nitrogen	2	
Sugar	2	
Total		688
Feces	114	
Phthalein	9	
Pleural fluid	20	
Bacteriological	8	
Total		151
Total examinations and tests		2,014

ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Red Cross, Fayetteville	2
Board of County Commissioners, Bladen	1
Board of County Commissioners, Forsyth	1
Board of County Commissioners, Gaston	6
Board of County Commissioners, Harnett	1
Board of County Commissioners, Hoke	1
Board of County Commissioners, Union	1
Charity Organization Society, Goldsboro	4
City of Winston-Salem	2
Public Welfare, Durham	5
Public Welfare, Lillington	1
Public Welfare, Raleigh	1
Public Welfare, Rockingham	2
Public Welfare, Wadesboro	1

PERSONS FROM WHOM DONATIONS WERE RECEIVED

Books and magazines:

Lend A Hand Book Missions, Boston, Mass.
Friends of Pine Bluff, N. C.

Donations for Christmas, flowers, etc.:

Mrs. E. H. Boyd, Southern Pines, N. C.
Dr. J. E. Sheppard, Durham, N. C.
Mr. E. B. Chapin, Pinehurst, N. C.
White Rock Baptist Church, Durham, N. C.
Miss Mocile Cardwell, Elizabeth City, N. C.
Miss Gladys Cardwell, Elizabeth City, N. C.
Dr. J. W. Cardwell, Elizabeth City, N. C.

PRISON DIVISION

MEDICAL REPORT

1928

STATISTICAL

Number of patients to be reported on	26
Number not classified	0
Number not tuberculous	6
Number of patients in Sanatorium July 1, 1928	13
Total number of patients treated during the twelve months	45

SUMMARY MEDICAL REPORT

Patients admitted:		
Minimal	4	
Moderately advanced	11	
Far advanced	11	
Not tuberculous	4	
Acute tuberculosis	1	
Not classified	1	
Total	31	
Patients discharged:		
Arrested	0	
Apparently arrested	0	
Quiescent	8	
Improved	10	
Unimproved	1	
Died	7	
Not tuberculous	6	
Not classified	0	
Total	32	
Hospital days		5,218

REPORT OF X-RAY LABORATORY

Stereoroentgenograms of chest (Sanatorium patients)	41
Stereoroentgenograms of chest (clinic patients)	13
Roentgenograms, other parts of body	0
Total	54
Treatments	0

LABORATORY REPORT

Sputanalyses:		
Micros.	175	
Chem.	79	
Total		254
Urinalyses:		
Micros.	40	
Chem.	37	
Total		77
Blood:		
W. B. C.	37	
R. B. C.	37	
Hemoglobin	37	
Color Index	37	
Differential count	36	
Kahn test	34	
Wassermann	8	
Urea	1	
Culture	1	
Total		228
Feces		30
Pleural fluid		3
Total examinations and tests		592

OUTSIDE PATIENTS EXAMINED FOR DIAGNOSIS AND CONSULTATION

July	2	January	3
August	4	February	5
September	5	March	1
October	0	April	2
November	3	May	1
December	1	June	4

CLASSIFICATION

Positive diagnosis	20
Negative diagnosis	9
Reëxamination	2
	31

New Dairy Barn

REPORT ON AUDIT

of

The North Carolina Sanatorium

for the Treatment *of* Tuberculosis

SANATORIUM, NORTH CAROLINA

July 1, 1927, to June 30, 1928

EXHIBIT "A"

INCOME AND EXPENSES—PERMANENT IMPROVEMENT FUND

For the Fiscal Year Ended June 30, 1928

INCOME:		
Appropriation:		
Unexpended balance, June 30, 1927	$ 7,486.76	
Chapter 147, Public Laws, 1927	190,000.00	
Emergency Loan Fund, Chapter 49, 1927	8,585.28	
		$ 206,072.04
EXPENSES:		
Enclosing sleeping porches	$ 12,199.19	
Sleeping porch—Superintendent's residence	1,710.56	
Woman's Ambulatory Building	106,759.01	
Granary	989.34	
Milking barn—Fire loss—New barn	4,270.06	
Repairs to silos—Fire loss	1,199.33	
Ice plant and cold storage	209.55	
Dairy barn—Fire loss	1,018.01	
Milking barn equipment—Fire loss	766.16	
School equipment	102.00	
Children's building equipment	29.08	
Prison building	2,926.80	
Poultry plant	37.35	
		132,216.44
Unexpended Balance of Appropriation, June 30, 1928		$ 73,855.60

EXHIBIT "B"

INCOME AND EXPENSES—EXTENSION FUND

For the Fiscal Year Ended June 30, 1928

INCOME:		
Appropriation:		
Chapter 79, Public Laws, 1927	$ 20,000.00	
Institutional Receipts:		
Office and administration	645.29	
Medical and surgical care	723.60	
Total Income		$ 21,368.89
EXPENSES:		
Office and administration	$ 12,567.98	
Medical and surgical care	6,304.21	
Total Expenses		18,872.19
Unexpended Balance of Appropriation, June 30, 1928		$ 2,496.70

EXHIBIT "C"

INCOME AND EXPENSES—MAINTENANCE FUND

For the Fiscal Year Ended June 30, 1928

INCOME:			
Appropriation:			
Chapter 79, Public Laws, 1927		$ 135,000.00	
Institutional Receipts:			
Office and administration	$ 2,022.57		
Subsistence	106,241.75		
Housekeeping	3,226.61		
Laundering	2,936.40		
Medical and surgical care	7,037.39		
Agricultural	991.53		
Deposit June, 1927, Credited by State Auditor, July, 1928	70.38		
		122,526.63	
Total Income			$ 257,526.63
EXPENSES:			
Office and administration		$ 16,622.72	
Subsistence		73,430.20	
Housekeeping		21,248.04	
Laundering		4,832.77	
Medical and surgical care		20,227.73	
Nursing and attendance		11,110.65	
Light, heat, power and water		30,453.21	
Care of buildings, grounds and equipment		14,947.41	
Instructional		1,675.04	
Recreational		213.42	
Agricultural		38,193.79	
Total Expenses			232,954.98
Unexpended Balance of Appropriation, June 30, 1928			$ 24,571.65

SCHEDULE C-1

INSTITUTIONAL RECEIPTS—MAINTENANCE FUND

For the Fiscal Year Ended June 30, 1928

OFFICE AND ADMINISTRATION:		
Telegraph and telephone	$ 255.16	
Sale of gasoline	1,071.55	
Refunds of expense	605.86	
Postoffice rent	90.00	
		$ 2,022.57
SUBSISTENCE:		
Groceries sold	$ 3,387.65	
Patients' fees	102,854.10	
		106,241.75
HOUSEKEEPING:		
Supplies sold		3,226.61
LAUNDERING:		
Patients' fees		2,936.40
MEDICAL AND SURGICAL CARE:		
X-ray examinations	$ 6,069.09	
Drugs and medicines	968.30	
		7,037.39
AGRICULTURAL:		
Sale of produce	$ 852.21	
Poultry and eggs sold	139.32	
		991.53
Deposit of last year (June, 1927) credited by State Auditor, July, 1928		70.38
Total Institutional Receipts		$ 122,526.63

SCHEDULE C-2

DISBURSEMENTS—MAINTENANCE FUND

For the Fiscal Year Ended June 30, 1928

OFFICE AND ADMINISTRATION:			
1101	Executive salaries	$ 1,999.92	
1103	Clerical salaries	3,193.50	
1109	Per diems and fees	889.10	
1201	Office supplies	409.91	
1301	Postage	451.73	
1302	Telephone and telegraph	724.57	
1401	Hotels and meals	42.05	
1402	Railroad and other fares	26.36	
1501	Printing: Stationery, office forms, etc.	520.04	
1502	Printing: Reports, bulletins, catalogues, etc.	183.23	
1505	Photographing, blueprinting	13.13	
1508	Publication of notices and advertisements	27.33	
1601	Motor vehicles: Upkeep	3,137.81	
1905	Miscellaneous expenses	25.00	
2202	Casualty insurance	916.25	
2403	Refunds	1,924.78	
3101	Office equipment and furnishings	123.01	
3107	Motor vehicles: Purchase	2,015.00	
			$ 16,622.72

DISBURSEMENTS—MAINTENANCE FUND—Continued

SUBSISTENCE:			
1105	Supervisors' salaries	$ 1,800.00	
1106	Skilled labor	2,312.00	
1107	Unskilled labor	8,738.17	
3103	Dining room and kitchen equipment	1,219.44	
1203-A	Meat, fish and fowl	28,171.61	
1203-B	Dairy products and eggs	5,589.48	
1203-C	Cereal food products	5,701.00	
1203-D	Vegetables	5,455.66	
1203-E	Fruits and nuts	5,604.88	
1203-F	Saccharine products	2,722.41	
1203-G	Beverages	1,332.96	
1203-H	Condiments, flavors and pickles	1,234.28	
1203-I	Fats, oils, miscellaneous provisions	3,548.31	
			$ 73,430.20
HOUSEKEEPING:			
1105	Supervisors' salaries	$ 1,010.13	
1107	Unskilled labor	7,811.40	
1202	Cleaning and household supplies	7,324.58	
1204	Sewing supplies, dry goods	128.02	
1217	Ice and other refrigeration supplies	270.71	
1222	Wearing apparel: Purchased	529.58	
1223	Miscellaneous fuel	44.66	
3102	Institutional furniture and furnishings	279.74	
3104	Bedding and linens	3,849.22	
			21,248.04
LAUNDERING:			
1105	Supervisors' salaries	$ 1,437.50	
1107	Unskilled labor	2,090.52	
1205	Laundry supplies	1,276.48	
3105	Laundry equipment	28.27	
			4,832.77
MEDICAL AND SURGICAL CARE:			
1102	Professional and technical salaries	$ 11,491.70	
1206	Medical and surgical supplies	4,370.15	
1207	Drugs and medicines	1,666.24	
1208	Laboratory supplies and materials	2,389.95	
3106	Medical and surgical equipment	272.34	
3108	Laboratory equipment	37.35	
			20,227.73
NURSING AND ATTENDANCE:			
1102	Professional and technical salaries	$ 4,950.85	
1107	Unskilled labor	6,159.80	
			11,110.65
LIGHT, HEAT, POWER AND WATER:			
1106	Skilled labor	$ 2,725.00	
1107	Unskilled labor	3,492.07	
1218	Power and heating plant supplies	836.54	
1224	Coal (including freight)	13,663.92	
1701	Light, power and water	8,852.10	
3118	Power and heating plant equipment	255.04	
1229	Water supplies	628.54	
			30,453.21
CARE OF BUILDINGS, GROUNDS AND EQUIPMENT:			
1105	Supervisors' salaries	$ 2,880.00	
1107	Unskilled labor	1,694.50	
1213	Botannical and ground supplies	22.50	
1219	Plumbing supplies and materials	642.90	
1220	Electrical supplies and materials	550.24	
1221	General supplies and equipment	875.69	

DISBURSEMENTS—MAINTENANCE FUND—Continued

CARE OF BUILDINGS, GROUNDS, AND EQUIPMENT—*Continued:*			
1801	Repairs to equipment and fixtures	$ 531.53	
1802	Repairs to buildings and structures	4,048.95	
3121	General equipment	73.50	
1227	Buildings supplies and materials	3,627.60	
			$ 14,947.41
INSTRUCTIONAL:			
1102	Professional and technical salaries	$ 950.00	
1103	Clerical salaries	8.25	
1209	Classroom and teachers' supplies	154.25	
1210	Library supplies	162.55	
3109	Classroom and teachers' equipment	244.61	
3110	Library equipment and stock	155.38	
			1,675.04
RECREATIONAL:			
1107	Unskilled labor	$ 5.00	
1212	Recreational supplies	208.42	
			213.42
AGRICULTURAL:			
1105	Supervisors' salaries	$ 2,700.00	
1106	Skilled labor	720.00	
1107	Unskilled labor	7,363.24	
1214	Farm supplies	6,107.97	
1215	Forage and supplies for animals	81.00	
1601	Motor vehicles: Upkeep	1,403.19	
1801	Repairs to equipment and fixtures	226.74	
1802	Repairs to buildings and structures	368.87	
3114	Farm equipment	1,389.13	
3115-D	Livestock dairy	721.34	
3114-D	Dairy equipment	521.79	
1215-D	Forage for dairy	7,475.33	
1227-P	Building supplies, poultry yard	47.37	
1802-P	Repairs to poultry buildings	33.00	
1227	Building supplies	378.97	
1214-K	Farm and dairy supplies—kerosene	236.32	
1214-E	Farm and dairy supplies—Eggs	70.96	
1215-H	Forage and supplies for horses	51.11	
1107-P	Unskilled labor—Poultry	540.00	
3115	Livestock	200.00	
3114-P	Poultry equipment	112.49	
1215-P	Poultry supplies	1,954.55	
1106-P	Skilled labor—Poultry	1,200.00	
1214-P	Farm supplies—Poultry	153.18	
1214-H	Farm supplies—Horses	17.79	
1105-D	Supervisors' salaries (dairy)	1,200.00	
1106-D	Skilled labor—Dairy	1,680.00	
1214-D	Farm supplies—Dairy	1,239.45	
			38,193.79
	TOTAL DISBURSEMENTS		$ 232,954.98

SCHEDULE C-3

MAINTENANCE FUND—PER CAPITA COSTS AND FARM OPERATIONS

For the Fiscal Year Ended June 30, 1928

	Expenditures	Per Capita Costs	
		Fiscal Year	Day
Office and administration	$ 16,622.72	$ 58.12	$ .1592
Subsistence	73,430.20	256.75	.7034
Housekeeping	21,248.04	74.29	.2035
Laundering	4,832.77	16.90	.0463
Medical and surgical care	20,227.73	70.73	.1938
Nursing and attendance	11,110.65	38.85	.1064
Light, heat, power and water	30,453.21	106.48	.2917
Care of buildings, grounds and equipment	14,947.41	52.26	.1432
Instructional	1,675.04	5.86	.0161
Recreational	213.42	.75	.0021
Agricultural	38,193.79	133.54	.3659
Totals	$ 232,954.98	$ 814.53	$ 2.2316
Food Items:			
Meat, fish and fowl	$ 28,171.61	$ 98.50	$ .2699
Dairy products and eggs	5,589.48	19.54	.0535
Cereal food products	5,701.00	19.93	.0546
Vegetables	5,455.66	19.08	.0523
Fruits and nuts	5,604.88	19.60	.0537
Saccharine products	2,722.41	9.52	.0261
Beverages	1,332.96	4.66	.0128
Condiments, flavors and pickles	1,234.28	4.32	.0118
Fats, oils and miscellaneous provisions	3,548.31	12.41	.0340
Totals	$ 59,360.59	$ 207.56	$ .5687
Farm produce consumed and food	30,270.83	105.84	.2900
Total Food Items	$ 89,631.42	$ 313.40	$ .8587
Average enrollment or population	286		
Farm Operations:			
Value of Produce:			
Used as food	$ 30,270.83		
Used in production	7,000.00		
Sold	10,213.80		
Total Value of Production	$ 47,484.63		
Cost of operation	45,193.79		
Nominal Profit or Loss	$ 2,290.84		

"Here's to the land of the long-leaf pine,
The summer land where the sun doth shine,
Where the weak grow strong and the strong grow great,
Here's to 'Down-Home,' the Old North State."

SIXTEENTH ANNUAL REPORT

of the

North Carolina Sanatorium

for the Treatment *of* Tuberculosis

SANATORIUM, N. C.

FOR THE PERIOD

From July 1, 1928, to June 30, 1929

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Aeroplane View, White Division

Photo by U. S. Army Air Corps, Pope Field, Fort Bragg, N. C.

PERSONNEL

BOARD OF DIRECTORS

Dr. T. W. M. Long, *Chairman*	Roanoke Rapids
Mr. U. L. Spence, *Vice-Chairman*	Carthage
Mr. W. E. Harrison, *Secretary*	Rockingham
Dr. D. R. Perry	Durham
Mr. J. R. Jones	Sanford
Mr. Jonas Oettinger	Wilson
Mr. Stahle Linn	Salisbury
Mrs. Max T. Payne	Greensboro
Mr. J. R. McQueen	Lakeview

Superintendent and Medical Director	P. P. McCain, M.D.
Assistant Superintendent and Resident Physician	S. M. Bittinger, M.D.
Assistant Physician	J. H. Williams, M.D.
Assistant Physician	W. G. Byerly, M.D.
Assistant Physician	C. L. Harrington, M.D.
Superintendent of Nurses	Miss Elizabeth Connolly, R.N.
Assistant Superintendent of Nurses	Miss Sue Burton
Dentist	L. V. Henderson, D.D.S.
Laboratory and X-ray Technician	Miss L. P. Roberson, R.N.
Cashier and Purchasing Officer	F. L. Eubanks
Steward	J. B. Womble
Farm Superintendent	E. B. Garrett
Superintendent of Nurses, Colored Division	Mrs. Carrie Broadfoot

EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM FOR THE TREATMENT OF TUBERCULOSIS

Director	P. P. McCain, M.D.
Clinic Physician	S. E. Lee, M.D.
Clinic Physician	P. A. Yoder, M.D.

CONSULTING STAFF

Orthopedic Surgeon	Dr. O. L. Miller	Gastonia
Surgery	Dr. Geo. W. Pressly	Charlotte
	Dr. J. F. Highsmith	Fayetteville
Eye, Ear, Nose, and Throat	Dr. Jas. M. Lilly	Fayetteville
	Dr. Wm. S. Jordan	Fayetteville
	Dr. W. P. McKay	Fayetteville
Laryngologist	Dr. J. B. Greene	Asheville
Genito-urinary	Dr. A. J. Crowell	Charlotte
	Dr. J. D. Highsmith	Fayetteville
Pathology	Dr. Jas. B. Bullitt	Chapel Hill
Pharmacology	Dr. Wm. deB. MacNider	Chapel Hill

LETTER OF TRANSMITTAL

To His Excellency,
GOVERNOR O. MAX GARDNER,
Raleigh, North Carolina.

SIR:—I have the honor to transmit herewith the report of the Superintendent of the operations of The North Carolina Sanatorium for the Treatment of Tuberculosis for the fiscal year ending June 30, 1929.

The report of the Superintendent is accepted as the report of the Board of Directors.

Respectfully submitted,

T. W. M. LONG,
Chairman, Board of Directors.

Sixteenth Annual Report
of
The North Carolina Sanatorium
for the Treatment *of* Tuberculosis

Dr. T. W. M. Long, *Chairman, Board of Directors, North Carolina Sanatorium, Roanoke Rapids, N. C.*

Dear Dr. Long:—I submit herewith the Sixteenth Annual Report of the North Carolina Sanatorium, for the fiscal year closing June 30, 1929.

In the four divisions of the institution, Children's, White Adult, Colored, and Prison, there were treated during the year a total of 1,037 patients, at an average daily per capita cost of $2.20, as compared with $2.27 last year.

Separate detailed medical, laboratory, and X-ray reports of each division will be found in the body of the report, and also summaries of the work of the Extension Department and of the Auditor's report.

It is gratifying that the death rate from tuberculosis in this State continues to diminish. Last year there were 2,447 deaths, which is 131 less than during 1927. Based upon the present estimated population of the State, 2,938,000, this gives a death rate of 83.3 per 100,000, which compares favorably with the rate throughout the United States.

In our Extension Department we have continued to lay especial stress upon childhood tuberculosis. During the fiscal year we have studied 14,446 children, making a total of 39,494 studied in the past three years. The results have been very similar to those reported previously, and are summarized in detail in the statistical charts.

I especially wish to call attention to the results of the tuberculin tests in New Hanover County, where the first local sanatorium in the State was established about sixteen years ago, and which has been used very largely for segregating more advanced cases. In the majority of clinics held in other counties we made no especial selection of children to be studied, whereas in New Hanover County we selected the three groups most likely to give a positive reaction: the known contacts, those 10 per cent or more underweight, and any others with suspicious symptoms, whether underweight or not. In general, also, urban children give a higher percentage of positive reactors than rural children. In spite of these facts, the percentage of positive tuberculin reactors in the

New Hanover County children was only 11.72 per cent, as compared with 21.21 per cent for the total number studied throughout the State. We feel that this is a splendid testimonial to the value of the local sanatorium.

The National Tuberculosis Association thinks work with children is of such importance that they have selected childhood tuberculosis as the main objective of their early diagnosis campaign for this year.

The work among children has aroused a great deal of interest in all phases of tuberculosis. Increased interest in early diagnosis has been so marked that we have been overwhelmed with requests for clinics, both children's and adults', and for examinations in our out-patients' clinic here at the Sanatorium. This year we examined 2,176 outside cases in our Sanatorium clinic, as compared with 1,681 cases during last year. In many instances all the members of a family in which there was a child giving a positive tuberculin test have been examined, and in this way we have been able to find many previously undiscovered open cases of adult tuberculosis.

The Extension Department was granted an increase of $10,000 for additional clinic work this year, making the total appropriation for this department $30,000 per year for the present biennium. The appropriation for maintenance and for additions and betterments for the first year of the present biennium was $151,500, and for maintenance for the second year of the biennium was $150,500. The appropriation for permanent improvements for the present biennium was $61,550, to be used for the following specific projects:

Steam and hot-water line	$27,000
Supplementary water supply	4,840
Sewage plant	19,125
Two tenant houses	2,000
Emergency loan	8,585

The main building project completed during the year was our Ladies' Building, a fireproof structure, which accommodates 120 patients, and which was occupied in February. Our old wooden cottage for ambulatory men had become unsuitable for use and had to be torn down, so that our new building increases our capacity by only 100.

We are greatly pleased that there has been manifest recently a considerably increased interest in the establishment of county sanatoria. Guilford and Mecklenburg counties have each added modern units for children, each with a capacity of about thirty, and Catawba County has established a splendid fifty-bed sanatorium for children, and expects later to construct a unit for

adults. Wayne County commissioners recently voted to build a sanatorium for their tuberculous sufferers. A public-spirited citizen in Rockingham County has offered to build for the county a modern fireproof sanatorium, sufficiently large for the county's needs, provided the county will maintain the institution. It is planned to have a vote on the maintenance of the institution within the near future, and it is confidently expected that this vote will be favorable. There is also a great deal of interest in Anson and Stanly counties for a joint county sanatorium, and it is expected that a vote on the matter will be taken soon.

On April 1 the concrete dam which formed the lake from which we get our water supply was washed away. A temporary dam was built of sand-bags. We are indebted to the Engineering Department of the State Board of Health and to the Engineering Division of the Department of Conservation and Development for making arrangements to replace the dam. The dam has been rebuilt at a cost of $2,000, obtained through the Budget Bureau from the emergency loan fund. After studying our water problem, the above-mentioned engineering departments recommended that a deep well be sunk near the present dam, instead of arranging for a supplementary surface water supply on Mile Creek, as provided for by the Legislature. The contract for this well has been let at a cost of $7,900, and it is now being drilled. It is guaranteed to furnish 200,000 gallons per day, which is considered more than we will probably ever need. When this well is completed we will expect to use this source for our water entirely, thus obviating the necessity of filtering it.

During the past year many of our friends have made various donations and furnished entertainment for the benefit of our patients. The ministers of Aberdeen, Raeford, and Southern Pines have been most faithful and generous in furnishing us religious exercises. In behalf of the patients and the staff, I wish to express to them all our deep appreciation.

To Dr. S. M. Bittinger, the Assistant Superintendent, and to all the other members of the staff and to all other employes, I wish to express my deep appreciation for their loyalty and support.

I am keenly appreciative of the personal sacrifices which you and each member of the Board have made in serving the institution, and I wish to express to you my deep appreciation for the support and kind consideration which I have received at your hands.

Respectfully submitted,

P. P. McCAIN, M.D.,

Superintendent and Director Extension Department.

SUMMARY OF YEAR'S WORK

JULY 1, 1928—JUNE 30, 1929

EXTENSION DEPARTMENT

Letters and postals received		18,334
Individual letters written		13,001
Multigraphed and mimeographed forms prepared		48
Number of copies multigraphed and mimeographed forms		41,930
Multigraphed and mimeographed letters mailed		868
Articles written (approximate number of words):		
Press	6,350	
Other publications	14,450	
Sanatorium Sun	233,883	
		254,683
Copies Sanatorium Sun mailed		33,150
Articles copied (approximate number of words)		4,175
Patients' histories written		728
Approximate number of words in patients' histories		1,092,000
Envelopes addressed		18,435
Inclosures sent out		14,331
Blank cards mailed for reporting cases of tuberculosis		4,740
Number of cases reported:		
White	1,776	
Colored	889	
		2,665
Literature sent to reported cases		2,214
Other literature sent		36,485
Sputum cups distributed		209,460
Tuberculin sent physicians for von Pirquet test		1,489

REPORT OF P. P. McCAIN, M.D.

Days out of office	62
Addresses delivered	14
Number in audiences	1,650

Main Entrance and Infirmary

REPORT OF COUNTY TUBERCULOSIS CLINIC

ADULT

S. E. Lee, M.D., *Clinic Physician*

Number of addresses delivered		3
Total audiences		90
Number of positive cases	86	
Number of probable cases	58	
Number of doubtful cases	25	
Number of negative cases	257	
		426
Number of white examinations	370	
Number of colored examinations	56	
Total number of examinations		426

P. A. Yoder, M.D., *Clinic Physician*

Number of addresses delivered		10
Total audiences		405
Number of positive cases	147	
Number of probable cases	46	
Number of doubtful cases	68	
Number of negative cases	295	
		556
Number of white examinations	494	
Number of colored examinations	62	
Total number of examinations		556

REPORT OF CHILDREN'S TUBERCULOSIS CLINICS

SUMMARY OF RESULTS OF SCHOOL CHILDREN'S TUBERCULOSIS CLINICS CONDUCTED BY THE EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM, IN COOPERATION WITH LOCAL HEALTH AND SCHOOL AUTHORITIES, DURING SCHOOL SESSION 1928-29

RESULTS OF TUBERCULIN TEST
(Intracutaneous)

	White	Colored	Total
Number given tuberculin test	11,688	2,758	14,446
Number negative reactors	9,440 (80.51%)	2,288 (82.96%)	11,728 (81.19%)
Number positive reactors	2,248 (19.49%)	470 (17.04%)	2,718 (18.81%)

RESULTS OF THE STUDY OF THE 2,718 POSITIVE TUBERCULIN REACTORS

				% of the 2,718 tuberculin reactors	% of the 14,446 tested
Number having physical examinations and X-rays of chest (postero-anterior and oblique)			2,391		
Number diagnosed as having tuberculosis		212		7.80	1.47
White, 163 (1.39% of 11,688 tested; 7.25% of 2,248 reactors)					
Colored, 49 (1.78% of 2,758 tested; 10.43% of 470 reactors)					
Tracheobronchial	191				
Tracheobronchial and pulmonary (parenchymal)	1				
Pulmonary (parenchymal)	17				
Extrapulmonary	2				
Extrapulmonary and tracheobronchial	1				
Number reactors classified as suspicious		275		10.12	1.90
Number reactors classified as not tuberculous		1,904		70.05	
Total number classified as not tuberculous (1,904 plus 11,728 negative tuberculin reactors)			13,632		94.37
Number reactors examined, though for various reasons not X-rayed, the majority having mild reactions and presumably not tuberculous			206	7.58	1.42
Number reactors for various reasons not examined			121	4.45	0.84

SUMMARY OF RESULTS OF SCHOOL CHILDREN'S TUBERCULOSIS CLINICS CONDUCTED BY THE EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM, IN COOPERATION WITH LOCAL HEALTH AND SCHOOL AUTHORITIES, DURING SCHOOL SESSIONS 1926-27, 1927-28, AND 1928-29

RESULTS OF TUBERCULIN TEST
(Intracutaneous)

	White	Colored	Total
Number given tuberculin test	34,238	5,256	39,494
Number negative reactors	27,014 (78.9%)	4,103 (78.06%)	31,117 (78.79%)
Number positive reactors	7,224 (21.1%)	1,153 (21.94%)	8,377 (21.21%)

RESULTS OF THE STUDY OF THE 8,377 POSITIVE TUBERCULIN REACTORS

				% of the 8,377 tuberculin reactors	% of the 39,494 tested
Number reactors having physical examinations and X-rays of chest (postero-anterior and oblique)			7,098		
Number reactors diagnosed as having tuberculosis		643		7.68	1.63
White, 509 (1.49% of 34,238 tested; 7.05% of 7,224 reactors)					
Colored, 134 (2.55% of 5,256 tested; 11.62% of 1,153 reactors)					
Tracheobronchial	579				
Tracheobronchial and pulmonary (parenchymal)	5				
Pulmonary (parenchymal)	40				
Extrapulmonary	16				
Extrapulmonary and tracheobronchial	3				
Number reactors classified as suspicious		949		11.33	2.40
Number reactors classified as not tuberculous		5,506		65.72	
Total number classified as not tuberculous (5,506 plus 31,117 negative tuberculin reactors)			36,623		92.73
Number reactors examined, though for various reasons not X-rayed, the majority having mild reactions and presumably not tuberculous			747	8.92	1.89
Number reactors for various reasons not examined			532	6.35	1.35

WHITE DIVISION

MEDICAL REPORT

1929

STATISTICAL

Number of patients to be reported on	334
Number not classified	6
Number not tuberculous	65
Number of patients in Sanatorium July 1, 1929	254
Total number of patients treated during the twelve months	659

A Group of Positive Tuberculin Reactors from One of the Orphanages, Who Came to Sanatorium for X-ray Films of Their Chests

33 PATIENTS WHO STAYED LESS THAN THIRTY DAYS

Condition on Admission		Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 5	A 4				3	1	
	B 1					1	
	C 0						
Moderately Advanced 11	A 0						
	B 11				6	5	
	C 0						
Far Advanced 17	A 0						
	B 1				1		
	C 16					15	1
Total 33							

Total number of days, 564. Average stay, 17.09. Longest stay, 29. Shortest stay, 2.

Number gained weight, 20		Number lost weight, 7	
Average gain	2.52 lbs.	Average loss	3.07 lbs.
Largest gain	7 lbs.	Largest loss	6 lbs.
Smallest gain	.5 lb.	Smallest loss	.5 lb.
Stationary	4	Not weighed	2

74 PATIENTS WHO STAYED FROM THIRTY TO EIGHTY-NINE DAYS

Condition on Admission		Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Tracheobronchial 6			3	1	1		1
Extrapulmonary 1					1		
Minimal 19	A 18		16		2		
	B 1				1		
	C 0						
Moderately Advanced 13	A 4			1	3		
	B 8				8		
	C 1				1		
Far Advanced 35	A 0						
	B 15				12	2	1
	C 20				3	14	3
Total 74							

Total number of days, 4,426. Average stay, 59.81. Longest stay, 89. Shortest stay, 30.

Number gained weight, 51		Number lost weight, 12	
Average gain	8.01 lbs.	Average loss	5.10 lbs.
Largest gain	22.5 lbs.	Largest loss	15 lbs.
Smallest gain	.5 lb.	Smallest loss	.5 lb.
Stationary	6	Not weighed	5

227 PATIENTS WHO STAYED NINETY DAYS OR OVER

Condition on Admission		Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Tracheobronchial 6			6				
Minimal 30	A 15		12	2	1		
	B 15		12	2	1		
	C 0						
Moderately Advanced 93	A 20			15	5		
	B 72			47	21	3	1
	C 1				1		
Far Advanced 98	A 0						
	B 76			14	44	14	4
	C 22				8	12	2
Total 227							

Total number of days, 58,084. Average stay, 255.86. Longest stay, 1,080. Shortest stay, 90.

Number gained weight, 178		Number lost weight, 42	
Average gain	13.55 lbs.	Average loss	10.36 lbs.
Largest gain	46.5 lbs.	Largest loss	30.5 lbs.
Smallest gain	.5 lb.	Smallest loss	.5 lb.
Stationary	3	Not weighed	4

HISTORY OF HEMORRHAGE

Negative		199
Positive	Previous only	106
	Previous and during residence	20
	During residence only	9

RESULTS OF SPUTUM EXAMINATION

Negative or no sputum		162
Positive	On admission	143
	During residence	106
	On discharge	65

SEX, AGE, AND CIVIL CONDITION

Sex	Age: 10–19	20–29	30–39	40–49	50–59	60–69	Civil Condition: Single	Married	Widowed	Divorced
Male 162										
Female 172	39	148	69	54	15	9	124	185	23	2
Total 334										

Nationality: Americans, 334.

A Group of Positive Tuberculin Reactors from One of Our School Clinics Who Came to Sanatorium for X-ray Pictures of Their Chests

TUBERCULOUS COMPLICATIONS

Adenitis (tracheobronchial)	2
Adenitis (cervical)	11
Alveolar abscess	1
Anal fistula	10
Enteritis	20
Epididymitis	1
General tuberculosis	1
Ischio-rectal abscess	1
Laryngitis	30
Nephritis	1
Otitis media	2
Peritonitis	2
Pleurisy with effusion	7
Pneumonia	2
Pyo-pneumothorax (spontaneous)	3
Pyo-pneumothorax (artificial)	1
Tuberculosis of tongue	1

NON-TUBERCULOUS COMPLICATIONS

Abscessed teeth	5
Acne	3
Anal fissure	2
Abdominal adhesions (post-operative)	1
Ankylosis	1
Alopecia	1
Appendicitis (chronic)	2
Arthritis	1
Asthma (bronchial)	3
Atrophy of testicle	2
Blepharitis	2
Blindness (right)	1
Bronchiectasis	3
Bronchitis	4
Carcinoma (abdominal)	1
Carious teeth	32
Cholecystitis	1
Conjunctivitis	1
Deafness (complete)	1
Deafness (partial)	1
Dysmenorrhea	2
Diabetes mellitus	2
Eczema	1
Endocervicitis	2
Erosion of cervix	3
Fracture of left humerus (old)	1
Gastric ulcer	1
Genu varum	1
Gingivitis	1
Goiter (adolescent)	1
Goiter (simple)	1
Hay fever	2
Hemorrhoids	4
Hookworm disease	30
Hypertension	2
Hernia (inguinal)	2
Hypertrophied tonsils	4
Laceration of cervix	2
Laceration of perineum	4
Laryngitis	1
Leudoderma	1
Lues	4
Mesenteric glands	1
Mitral regurgitation	3
Nephritis	6
Osteomyelitis (mandible)	1
Otitis media (chronic)	8
Pharyngitis	1
Pelvic cellulitis	1
Perforated nasal septum	1
Pregnancy	4
Pteryzium (right eye)	1
Pyelitis	1
Pyorrhea	65
Retroflexion of uterus	1
Retroversion of uterus	13
Rhinitis (atrophic)	2
Rhinitis (chronic)	8
Sinusitis	7
Strabismus	3
Tenia versicola	1
Tonsillitis	38
Ulcer of gums	1
Varicose veins	8

OCCUPATIONS

Accountant	1
Advertising	1
Auto dealer	1
Auto painter	1
Barbers	4
Blacksmith	1
Bookkeepers	7
Box maker	1
Butcher	1
Cabinet maker	1

Cashier in bank	1
Chemist	1
Civil engineer	1
Clerks	12
Construction work	1
Contractor	1
Cotton buyer	1
Cotton classer	1
Dairymen	2
Dentist	1
Dressmakers	2
Drug clerk	1
Druggists	2
Electricians	2
Farmers	34
Filling station work	1
Fisherman	1
Foremen	4
Furniture factory	1
Grocerymen	1
Hotel clerk	1
Housekeeper in hotel	1
Housewives	102
Hosiery mill	4
Ice man, retail	1
Insurance and printing	1
Interior decorator	1
Jewelers	2
Journalist	1
Laborers	2
Lawyer	1
Linesmen	2
Machinists	2
Master mechanic	1
Mail carrier	1
Mechanics	3
Merchants	12
Mill work	23
Motorman	1
Minister	1
Nurses	4
Nurses (registered)	4
Painter	1
Photographer	1
Policeman	1
Printer	1
Railroad agent	1
Railroad brakeman	1
Railroad machinist helper	1
Saleslady	1
Salesmen	6
Shipping clerk	1
Secretary	1
Stenographers	4
Students	26
Teachers	7
Telegraph operator	1
Telephone operator	1
Textiles	6
Tobacco	4
Truck driver	1

COUNTIES FROM WHICH THE 334 PATIENTS CAME

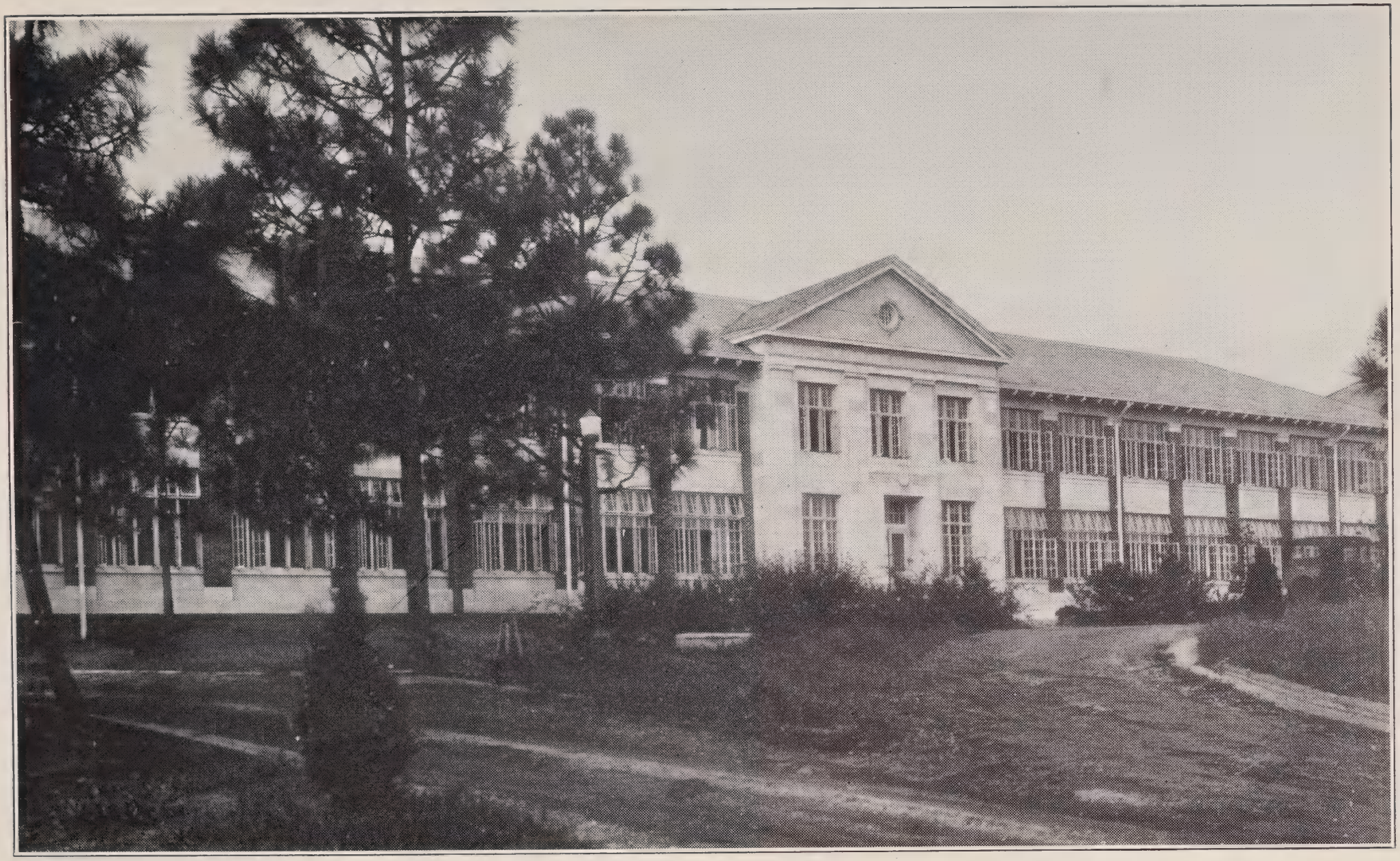
Alamance	15
Alleghany	1
Anson	2
Ashe	2
Avery	1
Beaufort	1
Bertie	6
Bladen	1
Brunswick	1
Buncombe	4
Burke	1
Cabarrus	9
Caldwell	2
Camden	2
Carteret	3
Caswell	3
Catawba	9
Chowan	1
Cleveland	1
Columbus	2
Craven	4
Cumberland	2
Currituck	3
Davidson	8
Davie	2
Duplin	2
Durham	18
Edgecombe	7
Forsyth	13
Franklin	2
Gaston	8
Gates	1
Granville	1
Guilford	3
Halifax	9
Harnett	5
Henderson	1
Hertford	1
Hoke	1
Hyde	1
Iredell	4
Johnston	17

Lee	2	Robeson	10
Lenoir	2	Rockingham	8
Lincoln	1	Rowan	6
Martin	1	Rutherford	3
McDowell	1	Sampson	5
Mecklenburg	3	Scotland	3
Moore	2	Stanly	4
Nash	1	Stokes	1
New Hanover	8	Surry	5
Northampton	2	Transylvania	1
Onslow	1	Vance	1
Orange	3	Wake	24
Pamlico	1	Warren	1
Pasquotank	1	Wayne	11
Perquimans	3	Wilkes	1
Person	4	Wilson	9
Pitt	14	Yancey	2
Randolph	2	Yadkin	2
Richmond	5		

TOWNS FROM WHICH THE 334 PATIENTS CAME

Aberdeen	1	Cycle	1
Advance	1	Draper	3
Albemarle	3	Dunn	4
Apex	1	Durham	19
Asheboro	1	Elizabeth City	1
Asheville	3	Elkin	1
Atlantic	2	Ellenboro	1
Autreyville	1	Enfield	1
Ayden	2	Erlander	1
Badin	2	Falkland	1
Belcross	2	Farmville	4
Belmont	1	Forest City	1
Benson	2	Fayettville	2
Bessemer City	1	Four Oaks	1
Blanche	1	Francisco	1
Bolton	1	Fuquay Springs	1
Bowden	1	Galax	1
Brevard	1	Garner	1
Broadway	1	Gastonia	6
Burlington	10	Gibson	1
Burnsville	1	Goldsboro	9
Cary	1	Goshen	1
Chapel Hill	2	Grandy	1
Charlotte	2	Greensboro	2
China Grove	1	Greenville	4
Clarkton	1	Grimesland	1
Clayton	4	Hamlet	1
Concord	3	Haw River	1
Conway	1	Hendersonville	1
Cooleemee	1	Hertford	2
Cornelius	1	Hickory	8
Cranberry	1	High Point	1

Hillsboro	2
Jacksonville	1
Jonesville	1
Kannapolis	4
Kenly	1
LaGrange	2
Lasker	1
Laurinburg	2
Leaksville	2
Lenoir	3
Lexington	4
Lillington	1
Lincolnton	1
Louisburg	1
Low Gap	1
Lucama	1
Lumberton	2
Macclesfield	1
Marion	1
Maxton	1
Mebane	3
Merry Hill	3
Micaville	1
Micro	2
Midland	1
Mooresville	2
Morehead City	1
Morganton	1
Mount Airy	1
Mount Olive	3
Mount Pleasant	1
Murfreesboro	1
Nashville	1
New Bern	3
Norlina	1
Oxford	1
Oteen	1
Parkton	2
Pilot Mountain	1
Pine Tops	1
Princeton	3
Prospect Hill	2
Raeford	1
Raleigh	19
Randleman	1
Red Springs	2
Reidsville	3
Rennert	1
Roanoke Rapids	1
Rockingham	4
Rockwell	1
Rocky Mount	2
Roseboro	3
Rose Hill	1
Rosemary	3
Roxboro	2
St. Pauls	2
Salemburg	1
Salisbury	3
Saxapahaw	1
Scotland Neck	4
Selma	3
Shelby	1
Shiloh	1
Smithfield	1
Spencer	1
Spindale	1
Southern Pines	1
Statesville	1
Stokes	1
Sturgills	1
Supply	1
Swan Quarter	1
Tarboro	2
Thomasville	3
Thurmond	1
Todd	1
Trotville	1
Vanceboro	1
Vandemere	1
Vineland	1
Wadesboro	2
Washington	2
Williamston	1
Willow Springs	1
Wilmington	8
Wilson	8
Windsor	3
Winfall	1
Winston-Salem	14
Winterville	1
Winton	1
Woodleigh	1
Youngsville	1



New Ladies' Building

OUTSIDE PATIENTS EXAMINED FOR DIAGNOSIS AND CONSULTATION

(Adults and Children)

July	198	January	124
August	244	February	147
September	162	March	165
October	141	April	178
November	124	May	217
December	97	June	161

CLASSIFICATION

Reëxamination	373
Positive diagnosis	425
Negative diagnosis	1,160
	1,958

SUMMARY FOR MEDICAL REPORT

JULY 1, 1928—JUNE 30, 1929

Patients admitted:	
Minimal	59
Moderately advanced	173
Far advanced	170
Not classified	19
Not tuberculous	47
Tracheobronchial	9
Etrapulmonary	0
Total	477
Patients discharged:	
Apparently arrested	49
Quiescent	82
Improved	123
Unimproved	68
Died	13
Not classified	6
Not tuberculous	*64
Extrapulmonary	1
Total	406

* One patient not tuberculous, died while here.

REPORT OF X-RAY LABORATORY

Stereoroentgenograms of chest (Sanatorium patients)	764
Stereoroentgenograms of chest (clinic patients)	1,084
Double roentgenograms of chest (children's clinics)	3,329
Roentgenograms, other parts of body	274
Total	5,451
X-ray treatments	317

LABORATORY REPORT

Sputanalyses:		
Micros	2,894	
Chem	944	
Total		3,838
Urinalyses:		
Micros	1,034	
Chem	1,095	
Total		2,129
Blood:		
W. B. C.	778	
R. B. C.	702	
Differential count	767	
Hemoglobin	702	
Color index	700	
Malaria	18	
Wassermann	324	
Kahn tests	322	
Urea	30	
Culture	9	
Sugar	6	
Widal	5	
Coagulation	15	
Total		4,378
Feces	746	
Gastric analysis	51	
Phthalein	39	
Bacteriological	93	
Basal metabolic rate	10	
Abdominal fluid	1	
Pleural fluid	33	
Spinal fluid	5	
Total		978
Water:		
Bacterial count	219	
For coli	219	
Total		438
Milk:		
Bacterial count	46	
For coli	46	
		92
Total examinations and tests		15,200

ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Red Cross, Fayetteville	9
Baptist Orphanage, Thomasville	1
Board of County Commissioners, Anson	1
Board of County Commissioners, Avery	3
Board of County Commissioners, Bladen	2
Board of County Commissioners, Brunswick	5
Board of County Commissioners, Buncombe	1
Board of County Commissioners, Catawba	6
Board of County Commissioners, Caswell	1
Board of County Commissioners, Chatham	1
Board of County Commissioners, Currituck	7
Board of County Commissioners, Forsyth	10
Board of County Commissioners, Gaston	13
Board of County Commissioners, Gates	1
Board of County Commissioners, Harnett	1
Board of County Commissioners, Hertford	1
Board of County Commissioners, Hoke	2
Board of County Commissioners, Northampton	1
Board of County Commissioners, Pasquotank	2
Board of County Commissioners, Pitt	2
Board of County Commissioners, Richmond	9
Board of County Commissioners, Rockingham	2
Board of County Commissioners, Rowan	3
Board of County Commissioners, Rutherford	2
Board of County Commissioners, Stokes	3
Board of County Commissioners, Union	3
Charity Organization Society, Goldsboro	12
City of Winston-Salem	15
Mutual Aid Association, Draper Mills, Draper	3
Nazareth Orphanage, Rockwell	1
Oxford Orphanage, Oxford	1
Public Welfare, Durham	17
Rosemary Manufacturing Company, Rosemary	2
Standard Oil Company, Kinston	1
Tuberculosis Seal Sale Committee, coöperating with the Woman's Club, Raleigh	7
United Daughters of the Confederacy, Free Bed Fund	2

PERSONS FROM WHOM DONATIONS WERE RECEIVED

Books and magazines:

Young People's Department, Tabernacle Baptist Sunday School, Raleigh, N. C.
Mrs. J. M. Pulley, LaGrange, N. C.
Miss Elizabeth Putnam, Kinston, N. C.
Mrs. F. C. Brush, chairman, Cheerful Letter Committee, All Souls Church, Montclair, N. J.
Miss Maude McCulloch, Waynesville, N. C.
Miss Mary Lou Smith, Erwin, N. C.
Mrs. Elizabeth Gregory, Southern Pines, N. C.

Candies, cakes, nuts, fruits, flowers, etc.:

Miss Mary E. Richardson, Southern Pines, N. C.
Miss Lamitta Wimberly, Aberdeen, N. C.
Miss Mary Robinson, Raleigh, N. C.
Miss Vivian P. Betts, St. Anne's Auxiliary of the Church of the Good Shepherd, Raleigh, N. C.
Mrs. Robert Stewart, Pinehurst, N. C.
Mrs. T. B. Upchurch, Raeford, N. C.

Miscellaneous gifts:

Miss Janette H. Baxter, Saratoga, California.
Seeman Brothers, Inc., Hudson and N. Moore Sts., New York City.
Miss Louise Caison, president, Junior Red Cross, Roseboro, N. C.
The Seventh Grade, Aycock School, Route No. 1, Henderson, N. C.
Miss Bertie Rivers, Aberdeen, N. C.
Mrs. S. P. Hopkins, Pinehurst, N. C.
Mrs. J. E. Hoyle, Raeford, N. C.
Mrs. W. T. Covington, Raeford, N. C.
Mrs. H. A. Cameron, Raeford, N. C.
Mrs. J. R. Page, Aberdeen, N. C.
Mrs. J. B. Rountree, Southern Pines, N. C.
Miss Mary M. Hoke, Raleigh, N. C.
Tommie Rucker and other children of the Sixth A Grade of the Harvey School, Kinston, N. C.

Victrola and records:

Mr. John L. Given, Jr., Manchester, Vermont.
Mrs. O. H. Longest, Greensboro, N. C.

Nurses' Home

CHILDREN'S DIVISION

MEDICAL REPORT

1929

STATISTICAL

Number of patients to be reported on	74
Number not classified	0
Number not tuberculous	5
Number of patients in Sanatorium July 1, 1929	52
Total number of patients treated during the 12 months	131

SUMMARY MEDICAL REPORT

Patients admitted:		
Parenchymal tuberculosis		15
Minimal	9	
Moderately advanced	6	
Far advanced	0	
Tracheobronchial tuberculosis		61
Not tuberculous		5
Not classified		0
Total		81
Patients discharged:		
Arrested		0
Apparently arrested		63
Quiescent		4
Improved		7
Unimproved		0
Died		0
Not classified		0
Not tuberculous		5
Total		74
Hospital days		22,793

SEX AND AGE

Sex:		
Male		30
Female		44
Age:		
4- 9	34	
10-15	40	
Total		74

TUBERCULOUS COMPLICATIONS

Cervical adenitis	1

NON-TUBERCULOUS COMPLICATIONS

Abscessed tooth	1	Enuresis	1
Ascaris lumbricoides	1	Hookworm disease	9
Asthma (bronchial)	1	Lues (congenital)	1
Bronchiectasis	1	Mitral regurgitation	1
Carious teeth	6	Otitis media	5
Deafness (partial)	1	Phlyctenular conjunctivitis	1
Diseased adenoids	1	Ringworm	1
Diseased tonsils	23	Scarlet fever	4
Endocarditis	1	Strabismus	1

One of the Schoolrooms, Children's Building

Boys' Sun Porch, Children's Building

COLORED DIVISION

MEDICAL REPORT
1929

STATISTICAL

Number of patients to be reported on	103
Number not classified	2
Number not tuberculous	7
Number of patients in Sanatorium July 1, 1929	57
Total number of patients treated during the twelve months	169

15 PATIENTS WHO STAYED LESS THAN THIRTY DAYS

Condition on Admission		Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 0	A 0						
	B 0						
	C 0						
Moderately Advanced 2	A 0						
	B 2				1		1
	C 0						
Far Advanced 13	A 0						
	B 3					1	2
	C 10				2	6	2
Total 15							

Total number of days, 269. Average stay, 17.93. Longest stay, 29. Shortest stay, 4.

Number gained weight, 3		Number lost weight, 5	
Average gain	3.08 lbs.	Average loss	6.90 lbs.
Largest gain	3½ lbs.	Largest loss	16½ lbs.
Smallest gain	2¾ lbs.	Smallest loss	½ lb.
Stationary	3	Not weighed	4

23 PATIENTS WHO STAYED 39 TO 89 DAYS

Condition on Admission		Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 5	A 4		1		3		
	B 1				1		
	C 0						
Moderately Advanced 7	A 1				1		
	B 6				4	2	
	C 0						
Far Advanced 11	A 0						
	B 2					2	
	C 9					7	2
Total 23							

Total number of days, 1,488. Average stay, 64.69. Longest stay, 98. Shortest stay, 30.

Number gained weight, 15		Number lost weight, 7	
Average gain	7.51 lbs.	Average loss	7.32 lbs.
Largest gain	18 lbs.	Largest loss	14¾ lbs.
Smallest gain	½ lb.	Smallest loss	1 lb.
Stationary	0	Not weighed	1

65 PATIENTS WHO STAYED NINETY DAYS OR OVER

Condition on Admission		Condition on Discharge: Arrested	Apparently Arrested	Quiescent	Improved	Unimproved	Died
Tracheobronchial T.B. 4			4				
Minimal 8	A 7		2	2	3		
	B 1						1
	C 0						
Moderately Advanced 19	A 1				1		
	B 18		2	7	8	1	
	C 0						
Far Advanced 34	A 1			1			
	B 18		1	4	3	7	3
	C 15				4	7	4
Total 65							

Total number of days, 15,380. Average stay, 236.60. Longest stay, 717. Shortest stay, 91.

Number gained weight, 47		Number lost weight, 13	
Average gain	18.04 lbs.	Average loss	11.96 lbs.
Largest gain	52 lbs.	Largest loss	27½ lbs.
Smallest gain	½ lb.	Smallest loss	1 lb.
Stationary	2	Not weighed	3

HISTORY OF HEMORRHAGE

Negative		45
Positive	Previous only	5
	Previous and during residence	36
	During residence only	17

RESULTS OF SPUTUM EXAMINATION

Negative or no sputum		39
Positive	On admission	55
	During residence	34
	On discharge	22

SEX, AGE, AND CIVIL CONDITION

Sex		Age* 9–19	20–29	30–39	40–49	50–59	Civil Condition: Single	Married	Widowed	Divorced
Male	37									
Female	66	25	47	19	9	2	54	39	9	1
Total	103									

* One patient's age not given.

TUBERCULOUS COMPLICATIONS

Adenitis (cervical)	4	Ischiorectal abscess	1
Adenitis (tracheobronchial)	2	Laryngitis	9
Anal fistula	4	Osteitis (rt. ankle)	1
Bronchopneumonia	1	Peritonitis	1
Empyeme	1	Pleurisy with effusion	4
Enteritis	6	Pyo-pneumothorax	1
Hydropneumothorax	2		

NON-TUBERCULOUS COMPLICATIONS

Amenorrhea	1	Mitral stenosis	1
Auricular fibrillation	1	Myocarditis	1
Bronchiectasis	1	Otitis media	1
Carious teeth	17	Pellagra	1
Cystitis	1	Pharyngitis (chronic)	3
Cystocele	3	Pulmonary lues	1
Diseased tonsils	24	Pyorrhea	29
Eroded cervix (uteri)	4	Rectocele	3
Goiter (simple)	1	Retroversion of uterus	4
Gororrhea	3	Subluxation sacro-iliac joint	1
Hemorrhoids	5	Sinusitis (acute)	1
Hernia (inguinal)	1	Strabismus	1
Hookworm disease	4	Stricture of rectum	1
Laceration of cervix	4	Undescended testicle (left)	1
Laceration of perineum	3	Uterine fibroid	1
Lues	15	Urethral stricture	1
Mitral regurgitation	5	Vaginitis (chronic)	2

OCCUPATIONS

Barber	1	Laborers	4
Chauffeurs	2	Lathe worker	1
Cleaning and pressing	1	Laundry work	2
Cooks	7	Mechanic	1
Drug clerk	1	Maids	2
Elevator	1	Music teacher	1
Embalming assistant	1	Preacher	1
Farming	21	Seamstresses	2
Factory labor	1	Shoemaker	1
Garage	1	Students	12
Hotel porter and truck driver	1	Teachers	4
Housework	28	Tobacco factory	2
Janitors	2	Waiter	1

COUNTIES FROM WHICH THE 103 PATIENTS CAME

Anson	6	Durham	7
Bladen	1	Edgecombe	7
Catawba	1	Forsyth	5
Cleveland	1	Gaston	4
Craven	2	Guilford	1
Cumberland	7	Halifax	3
Duplin	1	Harnett	2

Medical Students at Sanatorium for Special Instruction in Physical Examination of the Chest

Hoke	3	Richmond	1
Iredell	1	Robeson	4
Lee	2	Rockingham	1
Lenoir	2	Sampson	2
Moore	5	Scotland	4
Nash	1	Stanly	1
Northampton	1	Union	2
Onslow	1	Wake	5
Orange	1	Warren	1
Pasquotank	2	Wayne	4
Perquimans	1	Wilson	1
Pitt	8	Yadkin	1

TOWNS FROM WHICH THE 103 PATIENTS CAME

Aberdeen	1	Lemon Springs	1
Albemarle	1	Lillington	1
Barnesville	1	Lowell	1
Chapel Hill	1	Lucama	1
Clinton	1	Lumberton	1
Cramerton	1	Macon	1
Durham	7	Marshville	1
Eagle Springs	2	Maxton	1
Elizabeth City	2	Middlesex	1
Fairmont	1	Monroe	1
Faison	1	Mount Olive	1
Fayetteville	5	New Bern	2
Garland	1	Overhills	1
Gastonia	2	Pinehurst	1
Gibson	1	Polkton	1
Goldsboro	3	Raeford	1
Greensboro	1	Raleigh	2
Greenville	8	Red Springs	2
Hamlet	1	Reidsville	1
Harmony	1	Rocky Mount	6
Hertford	1	Sanford	1
Hickory	1	Scotland Neck	1
Hope Mills	1	Southern Pines	1
Jackson	1	Tarboro	1
Jacksonville	1	Thelma	1
Jonesville	1	Wadesboro	5
Kelly	1	Wagram	1
Kings Mountain	1	Wakefield	1
Kinston	1	Wake Forest	1
Kipling	1	Weldon	1
La Grange	1	Wendell	1
Laurinburg	2	Winston-Salem	5

OUTSIDE PATIENTS EXAMINED FOR DIAGNOSIS AND CONSULTATION

July	19	January	4
August	13	February	5
September	11	March	6
October	24	April	6
November	6	May	16
December	8	June	9

CLASSIFICATION

Reëxaminations	13
Positive diagnosis	63
Negative diagnosis	51
	127

SUMMARY MEDICAL REPORT

Patients admitted:		
Minimal	7	
Moderately advanced	23	
Far advanced	75	
Tracheobronchial tuberculosis	9	
Not tuberculous	6	
Not classified	2	
Total		122
Patients discharged:		
Arrested	0	
Apparently arrested	10	
Quiescent	14	
Improved	31	
Unimproved	33	
Died	15	
Not tuberculous	7	
Not classified	2	
Total		112
Hospital days		17,137

REPORT OF X-RAY LABORATORY

Stereoroentgenograms of chest (Sanatorium patients)	140
Stereoroentgenograms of chest (outside patients)	30
Double roentgenograms of chest (children's clinics)	133
Roentgenograms, other parts of body	4
Total	307
X-ray treatments	40

LABORATORY REPORT

Sputanalyses:		
Micros	538	
Chem	169	
Total		707
Urinalyses:		
Micros	226	
Chem	224	
Total		450
Blood:		
W. B. C.	127	
R. B. C.	124	
Hemoglobin	125	

Blood—*continued:*		
Color index	124	
Differential count	126	
Kahn test	92	
Wassermann test	153	
Culture	2	
Total		873
Feces	133	
Phthalein	1	
Gastric fluid	1	
Pleural fluid	3	
Bacteriological	6	
Total		144
Total examinations and tests		2,174

ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

Board of County Commissioners, Anson	7
Board of County Commissioners, Bladen	1
Board of County Commissioners, Brunswick	2
Board of County Commissioners, Caldwell	2
Board of County Commissioners, Carteret	3
Board of County Commissioners, Currituck	2
Board of County Commissioners, Forsyth	2
Board of County Commissioners, Gaston	2
Board of County Commissioners, Hoke	5
Board of County Commissioners, Iredell	1
Board of County Commissioners, Pasquotank	1
Board of County Commissioners, Richmond	3
Board of County Commissioners, Rockingham	1
Board of County Commissioners, Union	1
Charity Organization Society, Goldsboro	3
City of Salisbury	1
City of Winston-Salem	4
Moore County Health and Welfare Association	2
Public Welfare, Durham	9

PERSONS FROM WHOM DONATIONS WERE RECEIVED

Books and magazines:

Miss A. F. Brown.
Rev. Mr. Drew, Southern Pines, N. C.
Friends at Pine Bluff, N. C.
Mrs. Robinson, Southern Pines, N. C.
Mrs. Page, Aberdeen, N. C.
Mrs. M. E. Morse, Catonsville, Md.

Fruit: Mrs. M. E. Holliday.

Cash donations (for repair of radio, fruits, flowers, etc.):

Mrs. James Boyd, Southern Pines, N. C.
Mrs. S. P. Chapin, Southern Pines, N. C.
White Rock Baptist Church, Durham, N. C.

PRISON DIVISION

MEDICAL REPORT

1929

STATISTICAL

Number of patients to be reported on	30
Number not classified	3
Number not tuberculous	7
One patient admitted as hopeless case	1
Number of patients in Sanatorium July 1, 1929	38
Total number of patients treated during the twelve months	78

SUMMARY MEDICAL REPORT

Patients admitted:		
Minimal	12	
Moderately advanced	20	
Far advanced	14	
Not tuberculous	5	
Not classified	9	
Extrapulmonary	2	
Tracheobronchial	3	
Total		65
Patients discharged:		
Arrested	0	
Apparently arrested	5	
Quiescent	6	
Improved	11	
Unimproved	2	
Died	7	
Not tuberculous	7	
Not classified	2	
Total		40
Hospital days		10,178

REPORT OF X-RAY LABORATORY

Stereoroentgenograms of chest (Sanatorium patients)	92
Stereoroentgenograms of chest (clinic patients)	19
Roentgenograms, other parts of body	5
Total	116
Treatments	9

LABORATORY REPORT

Sputanalyses:		
Micros	374	
Chem	171	
Total		545
Urinalyses:		
Micros	83	
Chem	78	
Total		161
Blood:		
W. B. C.	66	
R. B. C.	64	
Hemoglobin	64	
Color index	64	
Differential count	64	
Kahn test	34	
Wassermann	40	
Culture	1	
Malaria	1	
Total		398
Feces		64
Pleural fluid		1
Bacteriological		4
Total		1,173

OUTSIDE PATIENTS EXAMINED FOR DIAGNOSIS AND CONSULTATION

July	8	January	7
August	8	February	7
September	13	March	15
October	2	April	13
November	4	May	5
December	9	June	0

CLASSIFICATION

Positive diagnosis	42
Negative diagnosis	49
Reëxamination	0
	91

AUDIT

of

THE NORTH CAROLINA SANATORIUM

for the Treatment *of* Tuberculosis

SANATORIUM, N. C.

July 1, 1928, to June 30, 1929

AUDIT JULY 1, 1928, TO JUNE 30, 1929

Exhibit B

INCOME AND EXPENSE—PERMANENT IMPROVEMENT FUND

July 1, 1928, to June 30, 1929

Income:		
Unexpended balance, July 1, 1928	$73,855.60	
Insurance—Fire loss, poultry barn	124.24	
Insurance—Fire loss, dairy barn	30,660.00	
		$104,639.84
Expense:		
Livestock	$ 1,970.00	
Dairy barn	29,086.28	
Women's Ambulatory Building	38,753.82	
Ice plant and cold storage	7,124.70	
Horse barn	3,817.24	
Equipment new building	12,935.68	
Milking barn	12.85	
Implement shed	1,357.82	
Awnings—New building	750.05	
Prison building	200.00	
Brooder houses—Insurance	122.95	
		96,131.39
Unexpended balance, June 30, 1929		$ 8,508.45

Exhibit D

INCOME AND EXPENSE—EXTENSION FUND

July 1, 1928, to June 30, 1929

Income:			
Appropriation:			
Chapter 79, Public Laws 1927		$20,000.00	
Institutional Receipts:			
Office and administration	$753.53		
Medical and surgical care	41.60		
		795.13	
Total income			$ 20,795.13
Expense:			
Personal service		$12,446.65	
Supplies and materials		428.38	
Postage, etc.		511.80	
Travel expense		2,979.81	
Printing, binding, etc.		2,345.04	
Equipment		213.19	
			18,924.87
Cash balance, June 30, 1929, excess income over expense			$ 1,870.26

EXHIBIT F

INCOME AND EXPENSE—MAINTENANCE FUND

July 1, 1928, to June 30, 1929

INCOME:			
Appropriation		$150,000.00	
Institutional Receipts:			
Office and administration	$ 9,287.35		
Subsistence	116,934.38		
Housekeeping	2,054.94		
Laundering	2,712.60		
Medical and surgical care	7,261.05		
Agricultural	612.29		
		138,862.61	
Total income			$288,862.61
EXPENSE:			
Office and administration		$21,492.14	
Subsistence		85,117.46	
Housekeeping		21,139.61	
Laundering		4,540.22	
Medical and surgical care		29,618.39	
Nursing and attendance		13,222.50	
Light, heat, power, and water		34,491.65	
Care of buildings and grounds		18,936.76	
Instructional		1,682.81	
Recreational		564.77	
Agricultural		37,141.64	
			267,947.95
			$ 20,914.66
Deduct allotment deposit			5,092.00
Excess income over expense, as per records of the State Auditor			$ 15,822.66

SCHEDULE G-1

ANALYSIS OF DISBURSEMENTS—MAINTENANCE FUND

July 1, 1928, to June 30, 1929

OFFICE AND ADMINISTRATION:			
1101	Executive salaries	$ 1,999.92	
1103	Clerical salaries	3,561.35	
1109	Per diem and fees	529.71	
1201	Office supplies	458.96	
1301	Postage	528.28	
1302	Telephone and telegraph	813.09	
1401	Hotel and meals	33.65	
1402	Railroad and other fares	29.54	
1403	Mileage allowance	3.10	
1501	Printing: Stationery, office forms, etc.	452.40	
1502	Printing: Reports, bulletins, catalogs, etc.	248.78	
1601	Motor vehicles: Upkeep	3,352.69	
1905	Miscellaneous expense	4.50	
2202	Casualty insurance	6,745.82	
2403	Refunds	1,874.75	
3101	Office equipment and furnishings	282.10	
3107	Motor Vehicle: Purchase	573.50	
			$ 21,492.14

ANALYSIS OF DISBURSEMENTS—MAINTENANCE FUND—CONTINUED

SUBSISTENCE:			
1105	Supervisors' salaries	$ 1,725.00	
1106	Skilled labor	2,100.00	
1107	Unskilled labor	9,948 97	
3103	Dining-room and kitchen equipment	1,743.18	
1203-A	Meat, fish, and fowl	27,282.43	
1203-B	Dairy products and eggs	7,444.16	
1203-C	Cereal food products	6,890.98	
1203-D	Vegetables	11,058.39	
1203-E	Fruits and nuts	7,750.98	
1203-F	Saccharine products	3,058 88	
1203-G	Beverages	1,638.66	
1203-H	Condiments, flavors, and pickles	1,479.11	
1203- I	Fats, oils, miscellaneous provisions	2,996.72	
			85,117.46
HOUSEKEEPING:			
1105	Supervisors' salaries	$ 1,020.00	
1107	Unskilled labor	8,730.57	
1202	Cleaning and household supplies	5,403 99	
1204	Sewing supplies, dry goods	44.64	
1217	Ice and other refrigeration supplies	210.04	
1222	Wearing apparel purchased	924.31	
1223	Miscellaneous fuel	149.04	
3104	Bedding and linen	3,293.91	
3102	Furnishings and furniture	1,251.12	
3120	Electrical supplies	111.99	
			21,139.61
LAUNDERING:			
1105	Supervisors' salaries	$ 1,380.00	
1107	Unskilled labor	2,473.89	
1205	Laundry supplies	597.70	
3105	Laundry equipment	88.63	
			4,540.22
MEDICAL AND SURGICAL CARE:			
1102	Professional and technical salaries	$ 13,222 50	
1108	Commutation	145.00	
1206	Medical and surgical supplies	11,024.78	
1207	Drugs and medicines	2,643.75	
1208	Laboratory supplies and materials	898.92	
3106	Medical and surgical equipment	1,644.83	
3108	Laboratory equipment	38.61	
			29,618.39
NURSING AND ATTENDANCE:			
1102	Professional and technical salaries	$ 6,959.25	
1107	Unskilled labor	6,263.25	
			13,222.50
LIGHT, HEAT, POWER, AND WATER:			
1106	Skilled labor	$ 2,941.44	
1107	Unskilled labor	4,230.09	
1218	Power and heating plant supplies	1,387.68	
1224	Coal, including freight	14,745.85	
1701	Light, power, and water	9,491.80	
3118	Power and heating plant equipment	1,237.51	
1229	Water plant supplies	457.28	
			34,491.65
CARE OF BUILDINGS, GROUNDS, AND EQUIPMENT:			
1105	Supervisors' salaries	$ 2,880.00	
1106	Skilled labor	1,023.31	
1107	Unskilled labor	2,100.21	
1213	Botanical and ground supplies	109.72	
1219	Plumbing supplies and materials	344.01	

ANALYSIS OF DISBURSEMENTS—MAINTENANCE FUND—CONTINUED

CARE OF BUILDINGS, GROUNDS, AND EQUIPMENT—*Continued.*

1220	Electrical supplies and materials	$ 813.58	
1221	General supplies and materials	301.01	
1801	Repairs to equipment and fixtures	1,019.80	
1802	Repairs to buildings and structures	3,203.14	
3121	General equipment	126.11	
1227	Building supplies	4,393.67	
1227-A	Awning repairs	157.20	
	Extraordinary repairs	2,465.00	
			$ 18,936.76

INSTRUCTIONAL:

1102	Professional and technical salaries	$ 910.00	
1103	Clerical salaries	29.00	
1109	Per diem and fees	10.00	
1209	Class-room and teachers' supplies	154.21	
1210	Library supplies	114.21	
3109	Class-room and teachers' equipment	343.20	
3110	Library equipment and stock	122.19	
			1,682.81

RECREATIONAL:

1105	Supervisors' salaries	$ 50 00	
1107	Unskilled labor	16.35	
1212	Recreational supplies	261.26	
3112	Recreational equipment	237.16	
			564.77

AGRICULTURAL:

1105	Supervisors' salaries	$ 2,925.00	
1106	Skilled labor	657.80	
1107	Unskilled labor	7,891.52	
1802	Repairs to buildings and structures	420.75	
1214	Farm and dairy supplies	1,493.45	
1215	Forage and supplies for animals	.30	
1601	Motor vehicles: Upkeep	858.91	
1801	Repairs to equipment and fixtures	147.27	
1802	Repairs to poultry buildings	137.35	
3107	Motor vehicles: Purchase	688.00	
3114	Farm and dairy equipment	719.23	
3115	Livestock	400.00	
1105-D	Dairyman	300 00	
1106-D	Skilled labor—dairy	1,295.00	
1107-D	Unskilled labor—dairy	1,228.10	
1214-D	Dairy supplies	1,269.53	
1215-D	Dairy feed	6,605.37	
3107-D	Motor vehicles: Purchase	93.59	
3114-D	Dairy equipment	316.17	
3115-D	Dairy livestock	300.00	
1214-K	Kerosene	367.51	
1106-P	Skilled labor—poultry	1,112.50	
1107-P	Unskilled labor—poultry	317.50	
1214-P	Poultry supplies	152.35	
1215-P	Poultry feed	2,699.05	
3114-P	Poultry equipment	114.38	
1227-P	Poultry buildings	80.75	
1227-D	Dairy building supplies	102.60	
1214-H	Hogs supplies	95.71	
3115-H	Livestock—hogs	30 00	
1226-H	Fertilizers and seeds	3,944.01	
1227-H	Building supplies	377.94	
			37,141.64
	Total disbursements		$267,947.95

SCHEDULE G-2

INSTITUTIONAL RECEIPTS—MAINTENANCE FUND

July 1, 1928, to June 30, 1929

OFFICE AND ADMINISTRATION:		
Telephone and telegraph	$ 219.34	
Gasoline sales	792.73	
Refunds	5,820.91	
Postoffice rent	90.00	
Insurance	2,364.37	
		$ 9,287.35
SUBSISTENCE:		
Groceries	$ 2,205.34	
Patients' fees	114,729.04	
		116,934.38
HOUSEKEEPING:		
Supplies	$ 2,054.94	
		2,054.94
LAUNDRY:		
Receipts	$ 2,712.60	
		2,712.60
MEDICAL AND SURGICAL CARE:		
Medical fees	$ 557.35	
X-rays	6,703.70	
		7,261.05
AGRICULTURAL:		
Produce sold	$ 612.29	
		612.29
Institutional receipts as per records of State Auditor		$138,862 61

SCHEDULE G-5

PER CAPITA COST—MAINTENANCE FUND

Year Ended June 30, 1929

(Average Number of Patients, 333½)

	Expenditures	Av. Per Capita Cost	
		For Period	Per Day
Office and administration	$ 21,492.14	$ 64.44	$ .1766
Subsistence	85,117.46	255.22	.6992
Housekeeping	21,139.61	63.39	.1737
Laundering	4,540.22	13.62	.0373
Medical and surgical care	29,618.39	88.81	.2433
Nursing and attendance	13,222.50	39.65	.1086
Light, heat, power, and water	34,491.65	103.42	.2834
Care of buildings, grounds, and equipment	18,936.76	56.78	.1556
Instructional	1,682.81	5.05	.0138
Recreational	564.77	1.69	.0046
Agricultural	37,141.64	111.37	.3051
	$267,947.95	$803.44	$2.2012
FOOD ITEMS:			
1203-A Meat, fish, and fowl	$ 27,282.43	$ 81.81	$ .2241
1203-B Dairy products and eggs	7,444.16	22.32	.0612
2103-C Cereal food products	6,890.98	20.66	.0566
1203-D Vegetables	11,058.39	33.16	.0908
1203-E Fruits and nuts	7,750.98	23.24	.0637
1203-F Saccharine products	3,058.88	9.17	.0251
1203-G Beverages	1,638.66	4.91	.0135
1203-H Condiments, flavors, etc.	1,479.11	4.44	.0122
1203- I Fats, oils, miscellaneous provisions	2,996.72	8.99	.0246
	$ 69,600.31	$208.70	$ .5718
FARM PRODUCTS, consumed as food	33,752.35	101.21	.2773
Total Food Items	$103,352.66	$309.91	$ .8491

EXHIBIT J

FARM AND DAIRY

July 1, 1928, to June 30, 1929

Farm products consumed as food	$33,752.35
Farm products consumed on farm	15,395.00
Farm products consumed otherwise	6,216.44
Labor and truck hire	1,314.00
Total income from farm	$56,677.79
Less cost of operations	52,536.64
Nominal profit on operations	$ 4,141.15

SEVENTEENTH ANNUAL REPORT

of the

North Carolina Sanatorium

for the Treatment *of* Tuberculosis

SANATORIUM, N. C.

FOR THE PERIOD

From July 1, 1929, to June 30, 1930

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PERSONNEL

BOARD OF DIRECTORS

Dr. T. W. M. Long, *Chairman*	Roanoke Rapids
Mr. U. L. Spence, *Vice-Chairman*	Carthage
Mr. W. E. Harrison, *Secretary*	Rockingham
Dr. D. R. Perry	Durham
Mr. J. R. Jones	Sanford
Mr. Jonas Oettinger	Wilson
Mr. Stahle Linn	Salisbury
Mrs. Max T. Payne	Greensboro
Mr. J. R. McQueen	Lakeview

Superintendent and Medical Director	P. P. McCain, M.D.
Assistant Superintendent and Resident Physician	S. M. Bittinger, M.D.
Assistant Physician	J. H. Williams, M.D.
Assistant Physician	W. G. Byerly, M.D.
Assistant Physician	J. S. Hooker, M.D.
Superintendent of Nurses	Miss Olivia Raney, R.N.
Assistant Superintendent of Nurses	Miss Sue Burton
Dentist	L. V. Henderson, D.D.S.
Laboratory and X-Ray Technician	H. B. Morgan
Cashier and Purchasing Officer	F. L. Eubanks
Steward	J. B. Womble
Farm Superintendent	E. B. Garrett
Chief Engineer	M. E. Rothgeb
Superintendent of Nurses, Colored Division	Carrie Broadfoot

EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM FOR THE TREATMENT OF TUBERCULOSIS

Director	P. P. McCain, M.D.
Clinic Physician	S. E. Lee, M.D.
Clinic Physician	P. A. Yoder, M.D.
Clinic Physician	H. F. Easom, M.D.
Clinic Physician	C. D. Thomas, M.D.
Clinic Physician	W. F. Thornton, M.D.

CONSULTING STAFF

Orthopedic Surgeon	Dr. O. L. Miller	Gastonia
Surgery	Dr. Geo. W. Pressly	Charlotte
	Dr. J. F. Highsmith	Fayetteville
	Dr. Julian A. Moore	Asheville
Eye, Ear, Nose, and Throat	Dr. James M. Lilly	Fayetteville
	Dr. Wm. S. Jordan	Fayetteville
	Dr. W. P. McKay	Fayetteville
Laryngologist	Dr. J. B. Greene	Asheville
Genito-Urinary	Dr. A. J. Crowell	Charlotte
	Dr. J. D. Highsmith	Fayetteville
Pathology	Dr. James B. Bullitt	Chapel Hill
Pharmacology	Dr. Wm. deB. MacNider	Chapel Hill

LETTER OF TRANSMITTAL

To His Excellency,
GOVERNOR O. MAX GARDNER,
Raleigh, N. C.

SIR:—I have the honor to transmit herewith the report of the Superintendent of the operations of the North Carolina Sanatorium for the Treatment of Tuberculosis for the fiscal year ending June 30, 1930.

The report of the Superintendent is accepted as the report of the Board of Directors.

Respectfully submitted,

T. W. M. LONG,
Chairman, Board of Directors.

Seventeenth Annual Report
of
The North Carolina Sanatorium
for the Treatment *of* Tuberculosis

Dr. T. W. M. Long, *Chairman, Board of Directors, North Carolina Sanatorium, Roanoke Rapids, N. C.*

Dear Dr. Long:—Herewith is presented the Seventeenth Annual Report of the North Carolina Sanatorium for the Treatment of Tuberculosis, for the fiscal year closing June 30, 1930.

In the four divisions of the institution, Adult White, Children, Colored, and Prison, there were treated during the year 1,164 patients. Of this number 770 were discharged. In the body of the report will be found, under each division, tables giving detailed information about the discharged patients and various other information of interest. There is also a summary of the work of the Extension Department and of the Auditor's report.

The problem of operating a modern sanatorium is all the time becoming more complex. The application of pneumothorax treatment to a much larger percentage of cases than formerly, the present method of giving smaller and more frequent refills, the need of keeping all pneumothorax cases at complete rest in bed for the first few months after beginning treatment, the need of using heliotherapy and artificial light in selected cases, and the more recently demonstrated advantages to be obtained from chest surgery in many cases make it necessary for the modern sanatorium to have almost the same equipment that a general hospital has, and also make it necessary to have a larger medical and nursing staff in proportion to the number of patients than was formerly the case. We are now giving pneumothorax treatment to approximately 20 per cent of our adult patients, and we are also giving it to six patients between the ages of 12 and 17 years. In three adult cases during the year we have used a partial collapse in both sides at the same time. We are more and more convinced of the wisdom of beginning pneumothorax treatment early instead of using it as a last resort.

We are also taking advantage of the help which the surgeons can give us. Fifty cases have been operated upon for the exeresis of the phrenic nerve and one for thoracoplasty. The results have been distinctly beneficial in the great majority. The operations have been done by Dr. J. D. Highsmith of Fayetteville and

Dr. Julian A. Moore of Asheville, and most of them have been done in our own operating room and with our own nurses.

The large percentage of patients in the advanced stages of the disease which we still receive, in spite of all the efforts by National and local organizations to educate both the medical profession and the public in the importance of an early diagnosis, is discouraging. Of course there are various reasons for this, but probably the main reason is that tuberculosis in the early stage rarely causes symptoms sufficiently definite to make one feel sick enough to go to a physician. In order to discover cases early we feel that it is necessary to make periodic examinations of all people who have been closely exposed to tuberculosis. We are urging physicians, whenever they discover a case of tuberculosis in a family, to make a study of all of the other members as well as of the one who is sick. If all members of such families should have the tuberculin test, and if all the positive reactors should be examined, and if all adults whose symptoms and physical signs were suspicious should be x-rayed, the majority of cases could be discovered in the curable stage of the disease and before it would be infectious to others. We furnish the tuberculin free to all of the physicians in the State, and I am glad to report that several times as much tuberculin has been distributed this year as ever before.

The addition of another physician to our Extension Department staff has enabled us to further extend our outside clinic service for both adults and children. In our out-patients' diagnostic clinic here at the Sanatorium, which operates every day except Sunday, we examined 2,439 cases. In our field clinics most of our work in the summer is with adults and most of our time during the school session is devoted to children. During the year we gave the intracutaneous tuberculin test to 24,231 school children, practically all of them being from small towns and the rural districts where the percentage of positive reactors would naturally be relatively small. In the 39,494 children previously studied, a large percentage of which came from the larger cities of the State, 21.21 per cent gave a positive reaction. The percentage of positives for the 24,231 studied this year was only 12.07 per cent. Altogether we have tested 63,725 children with 17.73 per cent showing positive reactions. Complete physical examinations and double roentgenograms (PA and oblique) have been made on 9,650 of the positive reactors, and 9.16 per cent of the positive reactors, or 1.62 per cent of the total number tested, were diagnosed as having tuberculosis, the great majority of them being of the childhood type.

Most of the children heretofore studied have been between the ages of 6 and 15. Since so many teenage children develop the adult type of tuberculosis, we are going to extend our clinic service this year to all the high school grades.

There were a number of changes in our staff during the year. For the additional physician for our Extension Department we were fortunate to secure Dr. H. F. Easom of North Carolina, who had spent one summer with us as an interne, and who, following his general hospital internship, had been specializing in tuberculosis. Last fall Dr. P. A. Yoder of our Extension staff was elected Superintendent of the new Forsyth County Sanatorium, and during the winter Dr. S. E. Lee, also of our Extension staff, was elected Superintendent of the new Greenville County, South Carolina, Sanatorium. Their promotions were well deserved. They had been with us for several years and they had not only made enviable reputations for themselves, but both they and their wives had also endeared themselves to the hearts of the whole Sanatorium family. It required a few months to find suitable successors to them, but we were fortunate to secure Dr. C. D. Thomas of Indiana and Dr. W. F. Thornton of Texas, both of whom have had some years experience in tuberculosis work.

On our Resident staff the position made vacant by Dr. A. E. Morgan, who left the first of the year to do general hospital work, was filled by Dr. J. S. Hooker of North Carolina, who has had several years experience as health officer and in private practice.

During the fall also Miss Elizabeth Connolly, who had for years been our efficient Superintendent of Nurses and to whom we are all devoted, was promoted to the position of Superintendent of the Catawba County Hospital. Miss Olivia Raney of Chapel Hill was elected to take her position.

Dr. S. M. Bittinger, the Assistant Superintendent and Resident Physician, and Drs. J. H. Williams and W. G. Byerly have been with us for several years, and I am especially indebted to them for their efficiency and their splendid coöperation.

During the year we have replaced our dairy herd with a registered Ayrshire herd, which was tested before purchase, both for tuberculosis and for contagious abortion, in order to assure us an abundant milk supply, which is quite important. We need twelve to fifteen additional cows, which we hope to be able to purchase the coming year.

Our poultry plant has had a good year. Beginning the first of January our plant has furnished broilers twice each week for all of our patients and employes. It also produced a large proportion of our eggs. We are in need of an additional incubator

for 2,300 eggs and for laying houses for 1,000 additional hens. With these additions we could, with the same overhead, produce all of our eggs and practically all of our poultry for table purposes.

The installation of the underground tunnel and the new steam and water lines which were completed last fall has made possible a more economical and also more efficient operation of our mechanical plant. Now that we can use exhaust steam for heating our buildings, it is much more economical for us to make our own electric current during the months when the heating of our buildings is necessary.

All of our electrical wiring and equipment have been overhauled and the installation made to conform to the National Electrical Code, and the remainder of the light and power lines around our main building have been put underground. These improvements have also resulted in more economical plant operation and in reducing both light and fire hazards.

A deep well, contracted for with the Fairbanks-Morse Company upon a guarantee of 200,000 gallons daily, to supplement our present water supply, was a total failure. This was to be used in place of building a new dam on Mile Branch. Fortunately we have had a sufficient water supply from Mountain Creek, since we have not been affected by the drought to anything like the same extent as most sections of the country. A protracted drought, however, would bring about a shortage. We have asked the Engineering Department of the State Board of Health to complete plans for making available a supplementary supply from Mile Branch, so that it could be obtained without delay in case it should become necessary.

Last winter we installed a broadcasting unit in our auditorium which has made it possible for all of our bed patients to enjoy, through their head phones, all the entertainments, concerts, lectures, and religious services which are held in the auditorium. The money for the purchase of this equipment was contributed by many generous friends.

We are greatly indebted to the good ladies of Pinehurst for furnishing a most generous Christmas treat for each one of our more than 400 patients. We also greatly appreciate the many flowers, books, and other gifts, and the entertainments which have been furnished by our friends throughout the State.

The Charlotte Film Board of Trade, which for a number of years has been furnishing us weekly programs free of charge, have notified us that the silent films will shortly be no longer available, but that they will be glad to furnish us "talkies" with-

out charge if we will install the necessary equipment. To our patients, shut in as they are for many. many months, the movies mean so much that we are greatly in hopes that we will be permitted to purchase this new machine.

In closing I wish to express to you and all the other members of the Board my deep sense of gratitude for your splendid service to our institution and the State, and for the kind consideration and support which you have given me.

Respectfully, P. P. McCAIN,

Superintendent and Director of the Extension Department.

SUMMARY OF YEAR'S WORK

JULY 1, 1929—JUNE 30, 1930

EXTENSION DEPARTMENT

Letters and postals received		19,757
Individual letters written		13,964
Mimeograph forms prepared		39
Number of copies mimeographed		59,795
Mimeographed letters mailed		578
Articles written (approximate number of words):		
Press	6,280	
Sanatorium Sun	255,200	
		261,480
Copies Sanatorium Sun mailed		38,800
Articles copied (approximate number of words)		18,250
Patients' histories written		741
Approximate number of words in patients' histories		1,111,500
Envelopes addressed		22,032
Enclosures sent out		24,609
Blank cards mailed for reporting cases of tuberculosis		8,240
Number of cases reported:		
White	1,740	
Colored	1,118	
		2,858
Literature sent to reported cases		3,289
Other literature sent		48,487
Sputum cups distributed		226,800
Tuberculin sent physicians for von Pirquet test		2,648
X-ray films sent in for interpretation		229
Report of phrenic operations		50

REPORT OF P. P. McCAIN, M.D.

Days out of office	35
Addresses delivered	13
Number in audiences	2,200

REPORT OF ADULT TUBERCULOSIS CLINICS

S. E. Lee, M.D., *Clinic Physician*

Number of addresses delivered		2
Total audiences		45
Number of positive cases	97	
Number of probable cases	83	
Number of doubtful cases	36	
Number of negative cases	317	
		533
Number of white examinations	518	
Number of colored examinations	15	
Total number of examinations		533

P. A. Yoder, M.D., *Clinic Physician*

Number of addresses delivered		3
Total audience		85
Number of positive cases	112	
Number of probable cases	37	
Number of doubtful cases	52	
Number of negative cases	284	
		485
Number of white examinations	448	
Number of colored examinations	37	
Total number of examinations		485

H. F. Easom, M.D., *Clinic Physician*

Number of addresses delivered		3
Total audience		85
Number of positive cases	71	
Number of probable cases	20	
Number of doubtful cases	60	
Number of negative cases	278	
		429
Number of white examinations	334	
Number of colored examinations	95	
Total number of examinations		429

C. D. Thomas, M.D., *Clinic Physician*

Number of addresses delivered		3
Total audience		565
Number of positive cases	21	
Number of probable cases	9	
Number of doubtful cases	20	
Number of negative cases	136	
		186
Number of white examinations	141	
Number of colored examinations	45	
Total number of examinations		186

W. F. Thornton, M.D., *Clinic Physician*

Number of addresses delivered		0
Total audience		0
Number of positive cases	48	
Number of probable cases	13	
Number of doubtful cases	27	
Number of negative cases	160	
		248
Number of white examinations	223	
Number of colored examinations	25	
Total number of examinations		248

REPORT OF CHILDREN'S TUBERCULOSIS CLINICS

RESULTS OF SCHOOL CHILDREN'S TUBERCULOSIS CLINICS CONDUCTED BY THE EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM, IN COOPERATION WITH LOCAL HEALTH AND SCHOOL AUTHORITIES DURING SCHOOL SESSION, 1929-30

RESULTS OF TUBERCULIN TEST
(Intracutaneous)

	White	Colored	Total
Number given tuberculin test	22,095	2,136	24,231
Number positive reactors	2,610 (11.81%)	314 (14.7%)	2,924 (12.07%)

RESULTS OF THE STUDY OF THE 2,924 POSITIVE TUBERCULIN REACTORS

			% of the 2,924 tuberculin reactors	% of the 24,231 tested
Number having physical examinations and X-rays of chest (postero-anterior and oblique)		2,552		
Number diagnosed as having tuberculosis	392		13.4	1.62
White, 336 (1.52% of 22,095 tested; 12.86% of 2,610 reactors)				
Colored, 56 (2.67% of 2,136 tested; 17.86% of 314 reactors)				
Childhood type	343			
Childhood and adult type (parenchymal)	19			
Adult type (parenchymal)	28			
Extrapulmonary	1			
Extrapulmonary and childhood type	1			
Number of reactors classified as suspicious	283		9.68	1.17
Number classified as not tuberculous	1,877		64.19	
Total number classified as not tuberculous (1,877 plus 21,307 negative tuberculin reactors)		23,184		95.67
Number reactors either X-rayed or examined, but study not fully completed, the majority having mild reactions and presumably not tuberculous		323	11.05	1.34
Number reactors for various reasons not examined or X-rayed		49	1.68	0.20

SUMMARY OF RESULTS OF SCHOOL CHILDREN'S TUBERCULOSIS CLINICS CONDUCTED BY THE EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM, IN COOPERATION WITH LOCAL HEALTH AND SCHOOL AUTHORITIES, DURING SCHOOL SESSIONS 1926-27, 1927-28, 1928-29, 1929-30

RESULTS OF TUBERCULIN TEST
(Intracutaneous)

	White	Colored	Total
Number given tuberculin test	56,333	7,392	63,725
Number positive reactors	9,834 (17.63%)	1,467 (19.85%)	11,301 (17.73%)

RESULTS OF THE STUDY OF THE 11,301 POSITIVE TUBERCULIN REACTORS

				% of the 11,301 tuberculin reactors	% of the 63,725 tested
Number reactors having physical examinations and X-rays of chest (postero-anterior and oblique)			9,650		
Number reactors diagnosed as having tuberculosis		1,035		9.16	1.63
White, 845 (1.5% of 56,333 tested; 8.06% of 9,834 positive reactors)					
Colored, 190 (2.57% of 7,392 tested; 12.95% of 1,467 positive reactors)					
Childhood type	922				
Childhood and adult type (parenchymal)	24				
Adult type (parenchymal)	68				
Extrapulmonary	17				
Extrapulmonary and childhood type	4				
Number reactors classified as suspicious		1,232		10.9	1.93
Number reactors classified as not tuberculous		7,383		65.33	
Total number classified as not tuberculous (7,383 plus 52,424 negative tuberculin reactors)			59,807		93.85
Number reactors either examined or X-rayed, but study not fully completed, the majority having mild reactions and presumably not tuberculous			1,070	9.47	1.68
Number of reactors for various reasons not X-rayed or examined			581	5.14	0.91

WHITE DIVISION

MEDICAL REPORT

1930

STATISTICAL

Number of patients to be reported on	424
Number not classified	2
Number not tuberculous	66
Number of patients in Sanatorium July 1, 1930	230
Total number of patients treated during the twelve months	722
Hospital days	90,366

56 PATIENTS WHO STAYED LESS THAN THIRTY DAYS

Condition on Admission			Condition on Discharge: Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	13	A 10			10		
		B 3			3		
		C 0					
Moderately Advanced	14	A 2			2		
		B 12			8	4	
		C 0					
Far Advanced	31	A 1			1		
		B 11			4	7	
		C 19			3	14	2
Total	58						

Total number of days, 945. Average stay, 16.36. Longest stay, 29. Shortest stay, 2.

Number gained weight, 29		Number lost weight, 19	
Average gain	3.42 lbs.	Average loss	1.8 lbs.
Largest gain	8 lbs.	Largest loss	4 lbs.
Smallest gain	.5 lb.	Smallest loss	.5 lb.
Stationary	1	Not weighed	9

67 PATIENTS WHO STAYED FROM THIRTY TO EIGHTY-NINE DAYS

Condition on Admission			Condition on Discharge: Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	19	A 14		7	7		
		B 5		3	2		
		C 0					
Moderately Advanced	15	A 3			3		
		B 11		4	7		
		C 1			1		
Far Advanced	32	A 0					
		B 17			15	1	1
		C 15			4	11	
Childhood type Tuberculosis	1		1				
Total	67						

Total number of days, 4,068. Average stay, 60.71. Longest stay, 89. Shortest stay, 30.

Number gained weight, 49		Number lost weight, 15	
Average gain	8.36 lbs.	Average loss	3.07 lbs.
Largest gain	18.5 lbs.	Largest loss	8 lbs.
Smallest gain	1.5 lbs.	Smallest loss	.5 lb.
Stationary	0	Not weighed	3

299 PATIENTS WHO STAYED NINETY DAYS OR OVER

Condition on Admission			Condition on Discharge: Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	42	A 29	25	3	1		
		B 13	11	1	1		
		C 0					
Moderately Advanced	141	A 21		15	6		
		B117	1	60	50	6	
		C 3		1	2		
Far Advanced	107	A 4			3	1	
		B 71		11	48	11	1
		C 32			10	15	7
Extrapulmonary	1			1			
Childhood type	8		8				
Total	299						

Total number of days, 73,927. Average stay, 247.21. Longest stay, 1,321. Shortest stay, 90.

Number gained weight, 243		Number lost weight, 48	
Average gain	13.40 lbs.	Average loss	7.16 lbs.
Largest gain	38.5 lbs.	Largest loss	25 lbs.
Smallest gain	.5 lb.	Smallest loss	1 lb.
Stationary	7	Not weighed	1

HISTORY OF HEMORRHAGE

Negative		242
Positive	Previous only	157
	Previous and during residence	15
	During residence only	10

RESULTS OF SPUTUM EXAMINATIONS

Negative or no sputum		213
Positive	On admission	154
	During residence	163
	On discharge	83

SEX, AGE, AND CIVIL CONDITION

Sex		Age: 12–19	20–29	30–39	40–49	50–59	60–70	Civil Condition: Single	Married	Widowed	Divorced
Male	178	53	163	115	58	26	9	163	228	29	4
Female	246										
Total	424										

Nationality: Americans, 423; Syrian, 1.

TUBERCULOUS COMPLICATIONS

Adenitis (tracheobronchial)	12	Peritonitis	2
Adenitis (cervical)	8	Pericarditis with effusion	1
Anal fistula	8	Pharyngitis	2
Enteritis	30	Pleurisy with effusion	14
Ischiorectal abscess	1	Pneumothorax (spontaneous)	2
Hydro-pneumothorax	1	Spinal meningitis	1
Laryngitis	45	Spondylitis	2
Osteitis (fibula)	1	Tuberculosis of hip (latent)	2
Otitis media	2		

NON-TUBERCULOUS COMPLICATIONS

Abscess (axillary)	1	Impaired vision	1
Abscessed teeth	7	Laceration of cervix	8
Anal fissure	3	Laceration of perineum	12
Ankylosis	3	Lipoma (axilla)	1
Anemia (secondary)	8	Lipoma (chest wall)	2
Appendicitis	2	Menopause	2
Arteriosclerosis	4	Menorrhagia	1
Artificial menopause	1	Migraine	1
Arthritis	5	Mitral regurgitation	9
Asthma (bronchial)	2	Myalgia	1
Atrophy of testicle	2	Myocarditis	2
Atrophy of lower extremity	1	Nephritis	6
Blepharitis	2	Orchitis (traumatic)	1
Blindness (traumatic)	2	Otitis media	12
Bronchiectasis	8	Nasopharyngitis	1
Bronchitis	6	Pellagra	3
Carcinoma (cervix uteri)	1	Pelvic cellulitis	4
Carious teeth	72	Perforated nasal septum	1
Cholecystitis	2	Pregnancy	2
Deafness (partial)	2	Psoriasis	1
Dysmenorrhea	3	Pyelitis	1
Diabetes mellitus	1	Pyorrhea	108
Duodenal ulcer	1	Retroflexion of uterus	3
Endocervicitis	1	Retroversion of uterus	9
Erosion of cervix	2	Rhinitis (atrophic)	1
Fistula (vesico-vaginal)	1	Rhinitis (chronic)	21
Gastric neurosis	1	Scabies	1
Gingivitis	1	Scoliosis of dorsal spine	1
Goiter (adolescent)	1	Sinusitis	8
Goiter (cystic)	1	Strabismus	1
Goiter (simple)	5	Tania versicola	1
Hemiplegia	1	Tonsillitis	60
Hemorrhoids	9	Ulcer nasal septum	1
Hernia	6	Uterine fibroid	1
Hookworm	26	Varicocele	1
Hypertension	4	Varicose veins	6

OCCUPATIONS

Accountant	2	Clerical	2
Advertising	1	Clerk of Court	1
Architect	1	Clerks	15
Auto Dealer	1	Cobbler	2
Baker	1	Contractor	1
Barber	1	Cook	1
Bookkeeper	8	Dairyman	1
Cashier in Bank	1	Dentist	1
Chair Factory	2	Dressmaker	1
Civil Engineer	2	Drug Clerk	1

Druggist	3
Electrician	3
Engineer	3
Farmer	38
Filling Station	2
Fireman	1
Furniture Factory	2
Hosiery Mill	1
Housewives	153
Insurance	5
Jeweler	1
Laboratory Technician	1
Laborer	1
Laundry	1
Lodgekeeper	1
Machinists	3
Mechanic	1
Mail Carrier	2
Manager Dry Cleaning Plant	1
Merchants	7
Mill Work	20
Missionary Work	1
Nurses	5
Nurses (Registered)	3
Overall Factory	1
Physician	1
Postmaster	1
Postoffice Clerk	1
Printer	1
Railroad Agent	1
Salesman	7
Sanitary Inspector	1
Sawmill	2
Seamstress	1
Sheet Metal	2
Sign Painter	1
Stenographer	7
Students	39
Superintendent County Welfare	1
Superintendent of Schools	1
Tax Collector	1
Teachers	17
Telephone Operator	4
Textile	18
Tobacco Factory	5
Treasurer (Textile Mill)	1
Truck Driver	1
Typist	1
Undertaker	1
Window Cleaner	1
Woodworker	1

COUNTIES FROM WHICH THE 530 PATIENTS CAME

(White and Colored)

Alamance	18
Alexander	2
Alleghany	2
Anson	5
Ashe	2
Beaufort	4
Bertie	2
Bladen	1
Brunswick	1
Buncombe	9
Burke	4
Cabarrus	10
Caldwell	6
Carteret	4
Caswell	3
Catawba	10
Chatham	2
Cherokee	4
Chowan	2
Cleveland	4
Columbus	1
Craven	6
Cumberland	13
Currituck	9
Dare	2
Davidson	8
Davie	1
Duplin	4
Durham	30
Edgecombe	6
Forsyth	20
Franklin	5
Gaston	20
Gates	1
Granville	9
Greene	1
Guilford	4
Halifax	10
Harnett	5
Haywood	1
Henderson	1
Hertford	1
Hoke	9
Hyde	2
Iredell	10
Johnston	8
Lee	4
Lenoir	8
Lincoln	4
Madison	1
Martin	4
McDowell	2
Mitchell	2
Montgomery	3
Moore	7
Nash	2
New Hanover	4
Northampton	7
Onslow	1
Orange	6
Pasquotank	6
Pender	2
Person	6
Pitt	19

Polk	2	Surry	19
Randolph	4	Transylvania	1
Richmond	15	Union	4
Robeson	12	Vance	2
Rockingham	13	Wake	19
Rowan	8	Warren	2
Rutherford	5	Wayne	10
Sampson	8	Wilkes	2
Scotland	5	Wilson	11
Stanly	8	Yadkin	4
Stokes	5	Yancey	1

TOWNS FROM WHICH THE 530 PATIENTS CAME

(White and Colored)

Aberdeen	1	Cramerton	2
Addor	1	Creedmoor	1
Albemarle	3	Dobson	1
Andrews	2	Draper	2
Ansonville	1	Drum Hill	1
Asheboro	3	Dundarrach	1
Asheville	5	Dunn	5
Ashford	1	Durham	29
Atlantic	1	East Bend	1
Aulander	1	Edenton	2
Autryville	1	Elams	1
Ayden	1	Elizabeth City	6
Badin	1	Elkin	7
Bahama	1	Ellerbe	2
Barco	1	Elm City	1
Belmont	3	Elon College	1
Benson	2	Enfield	2
Black Mountain	1	Engelhard	1
Bladenboro	1	Everetts	1
Boonville	1	Falkland	1
Broadway	1	Farmville	6
Buies	1	Fayetteville	8
Bullock	1	Forest City	1
Burgaw	1	Fountain	1
Burlington	8	Francisco	2
Burnsville	1	Franklinton	2
Cameron	1	Gastonia	9
Candler	1	Gibson	1
Canton	1	Glen Raven	1
Cary	1	Godwin	1
Catawba	1	Gold Hill	1
Cedar Creek	1	Goldsboro	9
Cedar Grove	1	Goodsonville	1
Chadbourn	1	Graham	2
Chapel Hill	3	Grandy	1
Cherryville	2	Granite Quarry	1
China Grove	1	Grassy Creek	1
Claremont	1	Greensboro	3
Clayton	2	Greenville	9
Cliffside	1	Halifax	1
Clinton	4	Hamilton	1
Colerain	1	Hamlet	3
Collington	1	Hamptonville	1
Concord	5	Harrisburg	1
Conover	1	Hatteras	1
Conway	2	Henderson	1
Corinth	1	Hendersonville	1

Hickory	6
Hillsboro	1
Hope Mills	1
Jamestown	1
Kannapolis	3
Kenansville	1
Kinston	7
Kittrell	1
La Grange	1
Lake Landing	1
Laurinburg	4
Leaksville	1
Leasburg	1
Leechville	1
Leicester	1
Lenoir	6
Lexington	3
Lilesville	1
Lincolnton	3
Linden	1
Little Switzerland	1
Littleton	1
Louisburg	3
Lowell	1
Lumberton	2
Lynn	1
Magnolia	2
Mangum	1
Marble	1
Margarettsville	1
Marshall	1
Maxton	4
Meadows	1
Mebane	4
Misenheimer	1
Mocksville	1
Monroe	4
Mooresville	4
Morehead City	3
Morganton	3
Morven	1
Moyock	1
Mount Airy	3
Mount Gilead	1
Mount Holly	3
Mount Mitchell	1
Mount Olive	1
Mount Pleasant	1
Murfreesboro	1
Nebo	1
New Bern	4
New London	1
Newton	1
Neuse	1
Norlina	1
Northside	1
North Wilkesboro	1
Oxford	6
Pelham	1
Phœnix	2
Pilot Mountain	2
Pinehurst	1
Pinetown	1
Pinnacle	2
Pleasant Hill	1
Potecasi	1
Powells Point	2
Princeton	2
Raeford	8
Raleigh	16
Ramseur	1
Red Springs	2
Reidsville	5
Richfield	1
Richland	1
Rockingham	9
Rocky Mount	5
Roseboro	1
Rosemary	2
Round Peak	1
Roxboro	4
Ruffin	1
Rusk	1
Salemburg	2
Salisbury	5
Sanatorium	1
Sanford	3
Saxapahaw	2
Scotland Neck	3
Scotts	1
Seaboard	1
Selma	1
Semora	1
Shawboro	1
Shelby	4
Shoals	1
Siler City	1
Sims	2
Smithfield	1
Southern Pines	2
Sparta	2
Spindale	3
Spray	4
Spring Hope	1
Stanfield	1
Stantonsburg	2
Statesville	4
St. Paul	2
State Road	1
Tarboro	1
Taylorsville	2
Teer	1
Thelma	1
Thomasville	5
Timberlake	1
Toxaway	1
Troy	2
Tryon	1
Turnersburg	1
Tuscarora	1
Unaka	1
Valdese	1
Vanceboro	1
Vass	1

Wade	1	Whitakers	1
Wadesboro	2	Williamston	2
Wake Forest	1	Wilmington	4
Wallace	1	Wilson	6
Walstonburg	1	Winston-Salem	20
Warrensville	1	Winterville	1
Washington	2	Woodland	1
Water Lily	1	Woodleigh	1
Watha	1	Woodsdale	1
Weaversville	1	Yadkinville	1
Westfield	3		

PATIENTS EXAMINED IN SANATORIUM CLINIC FOR DIAGNOSIS AND CONSULTATION

	White	Colored	Prisoners	Total
July	191	11	12	
August	253	11	6	
September	232	12	15	
October	190	16	7	
November	126	3	8	
December	120	12	7	
January	135	13	18	
February	176	11	10	
March	87	5	8	
April	209	11	9	
May	289	22	14	
June	173	9	8	

CLASSIFICATION

Positive diagnosis	380	70	52	
Negative diagnosis	1,261	51	65	
Reëxaminations	540	15	5	
Total examinations	2,181	136	122	2,439

SUMMARY OF MEDICAL REPORT

JULY 1, 1929—JUNE 30, 1930

Patients admitted:	
Minimal	64
Moderately advanced	159
Far advanced	176
Not tuberculous	55
Not classified	11
Extrapulmonary	1
Childhood type	2
Total	468
Patients discharged:	
Apparently arrested	46
Quiescent	106
Improved	191
Unimproved	70
Died	11
Total	424

REPORT OF X-RAY LABORATORY

	White	Colored	Prisoners	Total
Stereoroentgenograms of chest (Sanatorium patients)	854	132	55	
Stereoroentgenograms of chest (Sanatorium clinic patients)	1,036	42	42	
Double roentgenograms of chest (children's clinics)	3,223	248	0	
Roentgenograms, other parts of body	226	14	7	
Total	5,339	436	104	5,879
X-ray treatments	114	38	25	177

LABORATORY REPORT

Sputanalyses:				
Micro	3,266	675	394	
Chem	948	223	160	
Total	4,214	898	554	5,666
Urinalyses:				
Micro	923	149	64	
Chem	1,078	149	64	
Total	2,001	298	128	2,427
Blood:				
W. B. C	762	138	66	
R. B. C	669	132	66	
Hemoglobin	667	131	66	
Color index	667	131	66	
Differential count	754	137	66	
Kahn tests	416	95	33	
Wassermann	230	107	44	
Malaria	13	2	0	
Urea	26	0	0	
Sugar	23	0	0	
Culture	3	0	0	
Van den Berg	1	1	0	
Gmelin	1	0	0	
Undulent fever	0	3	3	
Total	4,232	877	410	5,519
Feces	688	118	60	
Phthalein	25	0	0	
Gastric	40	1	0	
Pleural fluid	37	1	0	
Basal metabolic rate	29	2	0	
Bacteriological	119	26	0	
Spinal fluid	4	0	0	
Pericardial fluid	1	0	0	
Total	943	148	60	1,151
Water:				
For coli	171			
Bacterial count	173			
Total				344
Milk:				
For coli	33			
Bacterial count	32			
Total				65
Total examinations and tests				15,172

ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Red Cross, Fayetteville	6
Associated Charities, Statesville	1
Board of County Commissioners, Alamance	1
Board of County Commissioners, Bladen	1
Board of County Commissioners, Brunswick	1
Board of County Commissioners, Buncombe	1
Board of County Commissioners, Catawba	4
Board of County Commissioners, Craven	1
Board of County Commissioners, Currituck	7
Board of County Commissioners, Forsyth	9
Board of County Commissioners, Gaston	10
Board of County Commissioners, Gates	1
Board of County Commissioners, Harnett	4
Board of County Commissioners, Hertford	1
Board of County Commissioners, Hoke	1
Board of County Commissioners, Lenoir	1
Board of County Commissioners, Mitchell	1
Board of County Commissioners, Pasquotank	4
Board of County Commissioners, Pender	1
Board of County Commissioners, Richmond	1
Board of County Commissioners, Rockingham	3
Board of County Commissioners, Stokes	1
Board of County Commissioners, Surry	3
Board of County Commissioners, Union	2
Charity Organization Society, Goldsboro	4
Children's Home, Winston-Salem	7
Helping Hand, Tryon	1
I. O. O. F. Home, Goldsboro	1
Mills Home, Thomasville	1
Mutual Aid Association, Draper Mills, Draper	8
Neuse Veneer and Box Company, New Bern	1
Public Welfare, Alamance	1
Public Welfare, Burke	1
Public Welfare, Davidson	1
Public Welfare, Durham	8
Public Welfare, Pitt	1
Public Welfare, Richmond	2
Public Welfare, Rockingham	5
Rosemary Manufacturing Company, Rosemary	1
Salisbury Cotton Mill, Salisbury	1
Superintendent of Schools, Graham	1
Tuberculosis Association, Concord	6
Tuberculosis Seal Sale Committee, coöperating with the Woman's Club, Raleigh	4

PERSONS FROM WHOM DONATIONS WERE RECEIVED

Books and magazines:

Mrs. M. Weil, Goldsboro, N. C.
Miss Anne Wilson Mebane, Thomasville, N. C.
Mrs. I. H. Shaefer, Southern Pines, N. C.
Miss Theresa Dansdill, Washington, D. C.

Candies, cakes, nuts, fruits, flowers, etc.:

St. Anne's Auxiliary of the Good Shepherd Church, Raleigh, N. C.
Raeford Woman's Club, Raeford, N. C.

Miscellaneous gifts:

Primary Department, The Church of the Covenant, Wilmington, N. C.
Junior Red Cross Club, Goldsboro, N. C.
Miss Lulu Martha Davidson, Orlando, Fla.
Red Cross, Fayetteville, N. C.
Methodist Sunday School, Aberdeen, N. C.
Baptist Sunday School for Girls' Auxiliary, Aberdeen, N. C.
Baptist Sunday School, Raeford, N. C.
Methodist Sunday School, Raeford, N. C.
St. Anne's Guild, Raleigh, N. C.
Mrs. W. B. Merrill, Pinehurst, N. C.
Mrs. G. M. Howard, Pinehurst, N. C.

Victrola records:

Mrs. O. H. Longest, Greensboro, N. C.
The Brunswick-Balke-Collender Co., Chicago, Ill.

Cash donations:

Pittsboro Woman's Club, Pittsboro, N. C.
Miss Janette H. Baxter, Seattle, Washington.
Beaufort Community Club, Beaufort, N. C.
Business and Professional Club, Brevard, N. C.
The Rotary Club, Durham, N. C.
Rotary Club and friends from Goldsboro, N. C.
Business and Professional Women's Club, Wilson, N. C.
Business and Professional Women's Club, Statesville, N. C.
Col. Fred A. Olds, Raleigh, N. C.

CHILDREN'S DIVISION

MEDICAL REPORT

1930

STATISTICAL

Number of patients to be reported on	87
Number not classified	1
Number not tuberculous	3
Number of patients in Sanatorium July 1, 1930	68
Total number of patients treated during the 12 months	159
Hospital days	17,548

SUMMARY MEDICAL REPORT

Patients admitted:		
Adult type tuberculosis		31
Minimal	16	
Moderately advanced	15	
Childhood type		75
Not tuberculous		1
Not classified		1
Total		108
Patients discharged:		
Apparently arrested		76
Quiescent		7
Improved		4
Unimproved		0
Died		0
Total		87

SEX AND AGE

Sex:		
Male		39
Female		48
Age:		
4– 9	37	
10–15	50	
Total		87

TUBERCULOUS COMPLICATIONS

Cervical adenitis	8	Empyema	1

NON-TUBERCULOUS COMPLICATIONS

Abdominal adhesions	1	Mitral regurgitation	1
Abscess (axillary)	1	Nephritis	2
Abscessed tooth	1	Osteo-arthropathy	1
Ascaris lumbricoides	3	Otitis media	2
Asthma (bronchial)	1	Paranasal sinusitis	5
Bronchiectasis	3	Pediculosis capiti	2
Carious teeth	19	Perforated nasal septum	1
Dermatitis	1	Phimosis	5
Diseased adenoids	1	Ringworm	1
Diseased tonsils	40	Salpingitis (bilateral)	1
Eczema	1	Strabismus	1
Glandular hypospadias	1	Ulcer middle turbinate	1
Hookworm disease	14	Undescended testicle	1
Impaired vision	2	Whipworm infection	1

COLORED DIVISION

MEDICAL REPORT

1930

STATISTICAL

Number of patients to be reported on	106
Number not classified	0
Number not tuberculous	8
Number of patients in Sanatorium July 1, 1930	64
Total number of patients treated during the 12 months	178
Hospital days	21,152

10 PATIENTS WHO STAYED LESS THAN THIRTY DAYS

Condition on Admission			Condition on Discharge: Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	0	A 0					
		B 0					
		C 0					
Moderately Advanced	2	A 0					
		B 2				2	
		C 0					
Far Advanced	8	A 0					
		B 2			1	1	
		C 6				4	2
Total	10						

Total number of days, 203. Average stay, 20.3. Longest stay, 29. Shortest stay, 6.

Number gained weight, 5		Number lost weight, 5	
Average gain	2.8 lbs.	Average loss	3 lbs.
Largest gain	9 lbs.	Largest loss	4.25 lbs.
Smallest gain	1 lb.	Smallest loss	1 lb.
Stationary	0	Not weighed	0

26 PATIENTS WHO STAYED 30 TO 89 DAYS

Condition on Admission			Condition on Discharge: Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal	2	A 2			2		
		B 0					
		C 0					
Moderately Advanced	6	A 2			1	1	
		B 3		1			2
		C 1				1	
Far Advanced	16	A 0					
		B 6			2	3	1
		C 10				8	2
Miliary Tuberculosis	1					1	
Childhood type	1				1		
Total	26						

Total number of days, 1,546. Average stay, 59.46. Longest stay, 89. Shortest stay, 33.

Number gained weight, 14		Number lost weight, 8	
Average gain	8.32 lbs.	Average loss	11.06 lbs.
Largest gain	27 lbs.	Largest loss	20.24 lbs.
Smallest gain	2 lbs.	Smallest loss	2 lbs.
Stationary	1	Not weighed	3

70 PATIENTS WHO STAYED 90 DAYS OR OVER

Condition on Admission		Condition on Discharge: Apparently Arrested	Quiescent	Improved	Unimproved	Died
Minimal 9	A 6	4	1		1	
	B 3	1		2		
	C 0					
Moderately Advanced 13	A 2		1	1		
	B 9	1	1	7		
	C 2			1	1	
Far Advanced 41	A 0					
	B 18	1		7	9	1
	C 23			7	11	5
Childhood type 5		3		2		
Extrapulmonary 2			1	1		
Total 70						

Total number of days, 15,362. Average stay, 219.46. Longest stay, 646. Shortest stay, 92.

Number gained weight, 52		Number lost weight, 17	
Average gain	15.78 lbs.	Average loss	9.40 lbs.
Largest gain	47.50 lbs.	Largest loss	25 lbs.
Smallest gain	1 lb.	Smallest loss	1 lb.
Stationary	1	Not weighed	0

HISTORY OF HEMORRHAGE

Negative		67
Positive	Previous only	26
	Previous and during residence	10
	During residence only	3

RESULTS OF SPUTUM EXAMINATION

Negative or no sputum		42
Positive	On admission	75
	During residence	39
	On discharge	29

SEX, AGE, AND CIVIL CONDITION

Sex		Age: 5–10	10–19	20–29	30–39	40–49	50–59	60–76	Civil Condition: Single	Married	Widowed
Male	45	3	35	43	15	6	2	2	65	38	3
Female	61										
Total	106										

OCCUPATIONS

Brick mason	1	Janitor	1
Chauffeur	1	Laborers	7
Cleaning and pressing	1	Laundry work	1
Clerk	1	Mechanic	1
Cooks	7	Painter	1
Delivery boy	1	Plasterer	1
Farming	14	Students	27
Factory laborer	11	Teachers	4
Fireman	1	Truck drivers	2
Housework	22	Waiter	1

TUBERCULOUS COMPLICATIONS

Adenitis (cervical)	4	Peritonitis	3
Adenitis (tracheobronchial)	3	Pleurisy with effusion	4
Enteritis	5	Scrofulous skin lesion	1
Laryngitis	4		

NON-TUBERCULOUS COMPLICATIONS

Adenitis (inguinal)	2	Padgett's disease	1
Carious teeth	10	Pharyngitis (chronic)	6
Cystocele	1	Phimosis	2
Diseased tonsils	28	Polypoid endometritis	1
Endo ervicitis	2	Pyorrhea	18
Eroded cervix (uteri)	5	Rectocele	2
Gingivitis	1	Rhinitis (chronic)	3
Hemorrhoids	4	Salpingitis	1
Hernia (umbilical)	1	Sinusitis	1
Hookworm	2	Urethritis	1
Laceration of cervix	6	Uterine fibroid	1
Lues	8	Vaginitis (chronic)	1
Mitral regurgitation	3		

SUMMARY MEDICAL REPORT

Patients admitted:	
Minimal	13
Moderately advanced	31
Far advanced	63
Childhood type	1
Not tuberculous	10
Not classified	1
Extrapulmonary	2
Total	121
Patients discharged:	
Apparently arrested	11
Quiescent	5
Improved	33
Unimproved	39
Died	10
Total	98

ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Red Cross, Fayetteville	6
American Red Cross, Hickory	2
Board of County Commissioners, Bladen	1
Board of County Commissioners, Currituck	2
Board of County Commissioners, Forsyth	1
Board of County Commissioners, Gaston	9
Board of County Commissioners, Hoke	5
Board of County Commissioners, Pasquotank	2
Board of County Commissioners, Robeson	1
Board of County Commissioners, Rockingham	1
Board of County Commissioners, Union	4
Charity Organization Society, Goldsboro	4
City of Salisbury	3
City of Winston-Salem	3
Moore County Health and Welfare Association	1
Mutual Aid Association, Spray	1
Nunn, Griffin & Company, Rocky Mount	1
Public Welfare, Durham	16
Public Welfare, Lenoir	2
Public Welfare, Lillington	1
Public Welfare, Morganton	1
Public Welfare, Raleigh	1
Public Welfare, Reidsville	1
Public Welfare, Rockingham	4
Public Welfare, Wadesboro	7
Public Welfare, Wilson	2

PERSONS FROM WHOM DONATIONS WERE RECEIVED

Books and magazines:

Mrs. John G. Phillips, Sharon, Mass.
Rev. and Mrs. Drew, Southern Pines, N. C.
Miss Brown, Boston, Mass.
Mrs. Moore, Aberdeen, N. C.

Miscellaneous:

Mrs. M. E. Holliday, Statesville, N. C.
Mr. Thrower, Southern Pines, N. C.
Mrs. N. Hurd, Southern Pines, N. C.
Mrs. Cheatham, Southern Pines, N. C.

Cash donations:

Mrs. S. B. Chapin, Pinehurst, N. C.
Mrs. James Boyd, Southern Pines, N. C.
Friends from Tryon, through Mrs. Ella M. Love.

PRISON DIVISION

MEDICAL REPORT

1930

Number of patients to be reported on	60
Number not classified	1
Number not tuberculous	12
Number of patients in Sanatorium July 1, 1930	32
Total number of patients treated during the 12 months	105
Hospital days	10,833

SUMMARY MEDICAL REPORT

Patients admitted:	
Minimal	8
Moderately advanced	26
Far advanced	15
Not tuberculous	12
Not classified	4
Extrapulmonary	2
Total	67
Patients discharged:	
Apparently arrested	4
Quiescent	7
Improved	28
Unimproved	13
Died	8
Total	60

AUDIT

of

The North Carolina Sanatorium

for the Treatment *of* Tuberculosis

SANATORIUM, N. C.

July 1, 1929, to June 30, 1930

AUDIT JULY 1, 1929, TO JUNE 30, 1930

Exhibit B

INCOME AND EXPENSE—PERMANENT IMPROVEMENT FUND
July 1, 1929, to June 30, 1930

Income:		
Unexpended balance, July 1, 1929		$ 8,508.45
Appropriation—Public Laws 1929, Chap. 149		61,550.00
Advance—Emergency Loan Fund		11,000.00
		$81,058.45
Expense:		
Steam and hot-water lines	$26,999.97	
New dam	2,000.00	
Payment of advance Emergency Loan Fund	8,585.28	
		37,585.25
Unexpended balance, June 30, 1930		$ 43,473.20
Proof:		
Balance 1927 appropriation account, records State Auditor	$ 7,005.08	
Balance 1927 allotment account, records State Auditor	1,503.37	
Balance 1929 appropriation account, records State Auditor	34,964.75	
		$ 43,473.20

Exhibit D

INCOME AND EXPENSE—EXTENSION FUND
July 1, 1929, to June 30, 1930

Income:		
Appropriation, Chapter 280, Public Laws 1929		$ 30,000.00
Institutional Receipts:		
Sanatorium Sun	$887.14	
Refunds	25.00	
		912.14
Total income		$ 30,912.14
Expense:		
Salaries and wages	$15,453.35	
Supplies and materials	1,498.36	
Postage	909.44	
Travel expense	3,864.09	
Printing and binding	2,388.60	
Equipment	126.56	
		24,240.40
Cash balance, June 30, 1930, excess income over expense		$ 6,671.74

Exhibit F

INCOME AND EXPENSE—MAINTENANCE FUND
July 1, 1929, to June 30, 1930

Income:		
Appropriation, Chapter 280, Public Laws 1929		$155,500.00
Allotment deposit from previous year		5,092.00
Institutional Receipts:		
Administration	$ 14,934.04	
Professional care and treatment	6,987.76	
Custodial care	131,599.58	
Agriculture	722.21	
Total gross institutional receipts		$154,243.59

LESS:			
Refunds of expense	$ 14,934.04		
Refunds of receipts	2,275.30		
		$ 17,209.39	
Total net institutional receipts			$137,034.20
Total income			$297,626.20
EXPENSE:			
Office and administration		$ 9,051.63	
Professional care and treatment		43,069.00	
Custodial care		115,057.78	
Operation of plant		32,918.62	
Maintenance of plant		18,904.17	
Agriculture		48,842.22	
Additions and betterments		6,650.99	
			274,494.41
Excess income over expense, as per State Auditor's records			$ 23,131.79

SCHEDULE G–1

ANALYSIS OF DISBURSEMENTS—MAINTENANCE FUND
July 1, 1929, to June 30, 1930

OFFICE AND ADMINISTRATION:				
Board of Directors—				
101	Attending meetings	$ 458.36		
102	Other expense	30.00		
			$ 488.36	
Superintendent and Business:				
103	Salary of superintendent	$ 2,000.00		
104	Salaries and wages	3,506.85		
105	Supplies and materials	399.29		
106	Postage	657.58		
107	Travel expense	26.53		
108	Printing	706.13		
109	Motor operation	882.26		
110	Repairs	20.60		
111	General expense	20.95		
112	Equipment	343.08		
	Refunds of receipts	2,275.35		
	Refunds of expense	3,059.32		
			13,897.94	
				$ 14,386.30
PROFESSIONAL CARE AND TREATMENT:				
Medical and Surgical—				
201	Salaries and wages	$14,390.05		
202	Supplies and materials	10,492.72		
203	Equipment	2,482.19		
	Refunds of expense	1,620.95		
			$28,985.91	
Nursing and Attendance—				
204	Salaries and wages	$14,164.28		
	Refunds of expense	176.12		
			14,340.40	
Instructional (School)—				
205	Salaries and wages	$1,118.00		
206	Supplies and materials	135.48		
207	Equipment	286.28		
			1,539.76	
				44,866.07

CUSTODIAL CARE:				
Subsistence—				
301	Salaries and wages	$15,070.81		
302	Food and provisions	70,804.38		
303	Repairs	87.79		
304	Equipment	3,828.92		
			$94,268.05	
Housekeeping—				
305	Salaries and wages	$10,200.00		
306	Supplies and materials	5,799.35		
307	Repairs	109.65		
308	Equipment	2,804.36		
	Refunds of expense	1,339.35		
			20,252.71	
Wearing Apparel (Ready-Made)—				
309	Wearing apparel	$ 1,130.96		
	Refunds of expense	342.70		
			1,473.66	
Laundering—				
310	Salaries and wages	$ 3,942.90		
311	Supplies and materials	705.16		
312	Repairs	74.85		
313	Equipment	23.86		
			4,746.77	
Recreational and Entertainment—				
314	Salaries and wages	$ 89.00		
315	Supplies and materials	499.46		
316	Repairs	89.86		
317	Equipment	149.24		
	Refunds of expense	17.37		
			844.93	
				$121,586.12
OPERATION OF PLANT:				
401	Salaries and wages	$ 7,176.60		
402	Coal	13,719.09		
403	Supplies and materials	795.84		
404	Filter plant supplies	390.89		
405	Motor operation	1,500.48		
406	Equipment	422.12		
407	Light	8,913.60		
	Refunds of expense	1,307.16		
			$34,225.78	
				34,225.78
MAINTENANCE OF PLANT:				
Care Buildings and Grounds—				
501	Salaries and wages	$ 5,851.62		
502	Supplies and materials	5,201.59		
503	Equipment	181.25		
504	Repairs and alterations	5,211.54		
	Refunds of expense	2,225.50		
			$18,671.50	
Current Obligations—				
505	Insurance		2,458.17	
				21,129.67

AGRICULTURE:				
Farm, Dairy, and Poultry—				
601	Salaries and wages	$16,156.61		
602	Supplies and materials	17,255.09		
603	Repairs	397.48		
604	Equipment	1,695.80		
605	Motor operations	1,554.18		
606	Ayrshire cows	11,783.06		
	Refund of expense	16.65		
			$48,858.87	
				$ 48,858.87
ADDITIONS AND BETTERMENTS:				
704	Garage	$ 602.48		
707	Carpenter shop	593.82		
709	Specific projects	362.69		
710	Wiring	5,092.00		
			$ 6,650.99	
				6,650.99
Total disbursements				$291,703.80

SCHEDULE G–2

INSTITUTIONAL RECEIPTS—MAINTENANCE FUND
July 1, 1929, to June 30, 1930

Office and administration	$ 14,934.04
Professional care and treatment	6,987.76
Custodial care	131,599.58
Agriculture	722.21
Institutional receipts as per State Auditor's records	$154,243.59

SCHEDULE G-5

PER CAPITA COST—MAINTENANCE FUND
Year Ended June 30, 1930

(Average Number of Patients, 386½)

	Expenditures	Per Capita Cost	
		For Period	Per Day
Office and administration	$ 9,051.63	$ 23.42	$ .0642
Medical and surgical	27,364.96	70.81	.1940
Nursing and attendance	14,164.28	36.65	.1004
Instructional	1,539.76	3.98	.0109
Subsistence	89,491.57	231.54	.6344
Housekeeping	18,913.36	48.93	.1341
Wearing apparel	1,078.52	2.79	.0076
Laundry	4,746.77	12.28	.0336
Recreational	827.56	2.14	.0059
Operation of plant	32,918.62	85.17	.2333
Care of buildings and grounds	18,904.17	48.91	.1340
Agriculture	48,842.22	126.37	.3462
Additions and betterments	6,650.99	17.21	.0472
Totals	$274,494.41	$710.20	$1.9458

EXHIBIT J

FARM AND DAIRY

July 1, 1929, to June 30, 1930

Farm products consumed as food		$ 42,034.97
Farm products consumed on farm		11,090.80
Farm products consumed otherwise		5,452.91
Total farm and dairy		$ 58,578.68
Less Cost of Operation—		
Maintenance	$48,858.87	
Farm products consumed on farm	11,090.80	
		59,949.67
Nominal loss on operations		$ 1,370.99

BIENNIAL REPORT

OF THE

North Carolina Sanatorium

SANATORIUM, N. C.

FOR THE TWO YEARS ENDED JUNE 30, 1932

PERSONNEL

BOARD OF DIRECTORS

DR. T. W. M. LONG, *Chairman*	Roanoke Rapids
MR. U. L. SPENCE, *Vice Chairman*	Carthage
MR. W. E. HARRISON, *Secretary*	Rockingham
DR. D. R. PERRY	Durham
MR. W. R. WILLIAMS	Sanford
MR. JONAS OETTINGER	Wilson
MR. STAHLE LINN	Salisbury
MRS. MAX T. PAYNE	Greensboro
MR. J. R. MCQUEEN	Lakeview

P. P. MCCAIN, M. D.	Superintendent and Medical Director
S. M. BITTINGER, M. D.	Assistant Superintendent and Resident Physician
J. H. WILLIAMS, M. D.	Assistant Physician
JNO. S. HOOKER, M. D.	Assistant Physician
W. B. HOOKS, M. D.	Assistant Physician
MARTHA C. NEWMAN, R. N.	Superintendent of Nurses
MRS. E. B. SATTERWHITE	Assistant Superintendent of Nurses
W. L. WOODARD, D. D. S.	Dentist
RAY DAVIS	Laboratory and X-ray Technician
F. L. EUBANKS	Cashier and Purchasing Officer
J. B. WOMBLE	Steward
J. L. BEALL	Farm Superintendent
M. E. ROTHGEB	Chief Engineer
CARRIE BROADFOOT	Superintendent of Nurses, Colored Division

EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM FOR THE TREATMENT OF TUBERCULOSIS

P. P. MCCAIN, M. D.	Director
H. F. EASON, M. D.	Clinic Physician
C. D. THOMAS, M. D.	Clinic Physician
W. F. THORNTON, M. D.	Clinic Physician

CONSULTING STAFF

DR. O. L. MILLER, *Orthopedic Surgeon*	Gastonia
DR. JULIAN A. MOORE, *Surgery*	Asheville
DR. J. D. HIGHSMITH, *Surgery*	Fayetteville
DR. C. R. MONROE, *Surgery*	Pinehurst
DR. JAMES M. LILLY, *Eye, Ear, Nose and Throat*	Fayetteville
DR. WM. S. JORDAN, *Eye, Ear, Nose and Throat*	Fayetteville
DR. W. P. MCKAY, *Eye, Ear, Nose and Throat*	Fayetteville
DR. J. B. GREENE, *Laryngologist*	Asheville
DR. JAMES B. BULLITT, *Pathology*	Chapel Hill
DR. WM. DEB. MACNIDER, *Pharmacology*	Chapel Hill

Main Entrance and Infirmary

Women's Building

LETTER OF TRANSMITTAL

To His Excellency,
GOVERNOR O. MAX GARDNER,
Raleigh, North Carolina.

SIR:

I have the honor to transmit herewith the report of the Superintendent of the operations of the North Carolina Sanatorium for the Treatment of Tuberculosis for the biennium ended June 30, 1932.

The report of the Superintendent is accepted as the report of the Board of Directors.

Respectfully submitted,

T. W. M. LONG, *Chairman,*
Board of Directors.

REPORT OF SUPERINTENDENT

DR. T. W. M. LONG, *Chairman,*
Board of Directors,
North Carolina Sanatorium,
Roanoke Rapids, N. C. August 20, 1932

DEAR DR. LONG:

I beg to submit herewith the Biennial Report of the North Carolina Sanatorium for the period closing June 30, 1932. Previously we have always issued separate annual reports, but for the sake of economy we are combining the reports of the two years.

There is a summary of the work of the Extension Department of the Sanatorium and there are separate detailed reports of the activities of the four divisions of the institution, Adult White, Children, Colored and Prison, for each of the two years. In all departments we treated 1,021 during 1931 and 946 in 1932. Of these numbers 643 were discharged in 1931 and 607 in 1932.

You will notice that we have treated a smaller number during the biennium than formerly. This is due to the fact that a large proportion of those needing treatment have been unable to pay our minimum rate of $1.00 per day. We have several vacancies in our ladies', children's and colored departments on this account. The more poverty stricken the patient is the more impossible it is for him to get proper treatment at home, and the more likely he is to communicate his disease to the other members of the family. We earnestly hope that our maintenance appropriation may be increased sufficiently to enable us to take strictly indigent cases at fifty cents per day, and that legislation be provided requiring the counties to pay this amount toward the care of their indigent tuberculous sufferers.

We find that an increasing number of our patients are benefited by pneumothorax treatment. About one-third of our adult and adolescent patients are now taking this treatment. We have also had altogether about two hundred patients operated on for exeresis of the phrenic nerve with almost uniformly good results. We have had a few operated upon for thoracoplasty, all of which were successful.

Because it does not seem to be generally understood I am calling attention to the fact that in North Carolina all of the official anti-tuberculosis work of the State is carried on through

the North Carolina Sanatorium. In a number of states all the official publicity and diagnostic clinic work is carried on through a Bureau of Tuberculosis of the State Board of Health. In North Carolina all this is done through the Extension Department of the North Carolina Sanatorium. It is also required that all discovered cases of tuberculosis be reported to the Extension Department of the Sanatorium. A separate appropriation is made by the General Assembly for the work of the Extension Department.

In our diagnostic clinic work which is carried on through the Extension Department we have devoted a large part of our efforts during the school year to work for school children. Previously we included only those children up to fifteen years of age, but during the biennium which has just closed we also included all the high school pupils in the study. We now feel that this is very important because so many of teen age develop the adult type of tuberculosis. We found a much larger percentage of the teen age group who had clinical adult type lesions than among those younger. Some of those discovered had rather extensive lesions and were a source of great danger to the other pupils with whom they were associated. We were also glad to be able to include a much larger proportion than usual of colored school children. During the biennium we studied 58,649, of which number 12,475 were colored.

Altogether we have given the tuberculin test in the past six years to 122,374 children, using .1 of a milligram, or .1 c.c. of a 1:1000 dilution, of old tuberculin intracutaneously. As will be seen from the detailed statistical report of this study, there were only 15.77% positive reactors, 15.6% for the white children as compared with 18.8% for the colored. It will also be seen from the statistical report that the percentage of reactors showing demonstrable lesions was considerably higher in the colored than in the white children. In Watauga County, which is almost entirely rural and in the heart of the mountains, and sparsely populated, we tested something over 2,700 children, which were practically all in the county, even including the very small schools, and we were surprised to find only 4.3% positive reactors. However, we found a considerably larger per cent than usual of positive reactors showing demonstrable lesions. This we attributed to the fact that most of the positive reactors came from homes where there was or had been one or more cases of open tuberculosis and because in such communities frequent

casual contact is much less common than in more thickly settled communities.

Since the importance of making a study of college students for tuberculosis has been demonstrated in a number of large universities in various sections of the country, we conducted diagnostic clinics in one of the white and one of the colored state supported colleges during 1932. All the students were given the tuberculin test, all positive reactors were given a physical examination and stereoscopic X-rays were made on a large per cent of the positive reactors. During the coming years we hope to extend this study to most, if not all, of the colleges in the State.

We have a constantly increasing number coming to our out-patient diagnostic clinic conducted here at the Sanatorium daily except Sunday. During the biennium we examined 4,755 in this clinic, of which 855 were diagnosed as positive, 2,465 as negative and 1,435 re-examinations. It is distressing that comparatively few cases of early tuberculosis are found either among those who come to our out-patient clinic for examination or among those admitted to our institution for treatment. The onset of tuberculosis is so insidious and so often definite symptoms and physical signs are lacking that we feel that the main hope of discovering tuberculosis early depends upon the more general use of the tuberculin test and the X-ray in addition to a careful physical examination and a careful history, and especially for all known contacts.

It is gratifying that in spite of the depression there were 123 fewer deaths from tuberculosis in North Carolina during 1930 than during 1929 and 126 less in 1931 than in 1930. This gives us a death rate for the State of 76.5 per 100,000 population for 1930 and 72.5 for 1931. Considering the fact that North Carolina is one of the most noted tuberculosis resort states in the country and also the fact that one-third of the population of the State are negroes, these mortality rates are encouraging. The average mortality rate from tuberculosis for the thirteen southern states for 1930 was 80.4 per 100,000. The 1930 rate for the United States was 71.5. The exact rate for 1931 is not yet obtainable. It is known, however, that there was a substantial reduction over 1930. Tuberculosis now stands seventh instead of first, as it did twelve years ago, as a cause of death in the United States.

The additions and improvements to our sewerage disposal plants, for both our white and colored divisions, were completed

during 1931. The plans were drawn and the work was supervised by the Engineering Department of the State Board of Health.

The Budget Bureau permitted us to build out of our maintenance appropriation for additions and betterments a fireproof storage house for our 40,000 nitrate base X-ray films. This is located 250 feet from the nearest building so that there is no danger to either the patients or the other buildings from a possible fire or explosion.

Out of our appropriation for additions and betterments we also built a brooder house for 6,000 chicks, which is heated by steam from a single furnace and which will enable us to effect an enormous saving in our fuel bill for the poultry plant.

The unexpended balances of the previous appropriations for permanent improvements, amounting to $16,219.39, were reappropriated by the last General Assembly for the installation of sprinkler systems in the portion of our main building which is not fireproof and in our colored building. Bids have been received for these installations well within the amount of the appropriation and we are hoping that the money will soon be available for the lettting of the contract.

The installation of the splendid RCA sound motion picture equipment has added immensely to the pleasure of the patients, and we think it is of definite therapeutic value. We are deeply grateful to the Charlotte Film Board of Trade for continuing to furnish us with excellent films without charge.

There have been a few changes in our staff during the biennium. The first of January, 1930, Dr. W. G. Byerly, who had been with us for several years and who had endeared himself both to the patients and to the staff, resigned to accept the position of resident physician at the South Carolina State Sanatorium. Dr. J. S. Hooker was promoted to take his place, and Dr. L. A. Crowell, Jr., of Lincolnton, was chosen to take the place of Dr. Hooker. In September, 1931, Dr. Crowell resigned to take up work with his father in Lincolnton, and Dr. W. B. Hooks was employed.

The first of September, 1930, Miss Olivia Raney resigned as Superintendent of Nurses to accept the position of night supervisor of the Baptist Hospital at New Orleans. We were fortunate to secure Miss Martha C. Newman as her successor. Miss Newman has already made several improvements in the train-

ing school and we think it is in better condition than at any time since it was organized.

We are greatly indebted to the good ladies of Pinehurst for supplying each of our patients and nurses with generously filled stockings for Christmas and to many other friends for flowers, books and magazines, records, clothing and various other gifts, and for making Sunday School talks, conducting preaching service and giving entertainments and concerts for us.

I especially want to thank Dr. S. M. Bittinger and the other members of the medical staff for their splendid work and all the employees for their hearty coöperation and support.

In closing I wish to express to you and to each member of the Board my deep gratitude for your kindly guidance and stimulation and for your hearty support throughout the biennium.

Respectfully yours,

P. P. McCAIN,
Superintendent and
Director, Extension Department.

TABLE NO. 1

General Information

1. Date of opening 1909
2. Plant: Value of Property:

Functional	$ 105,198.00
Dormitories	809,500.00
Dining Rooms	136,405.00
Recreational	1,558.00
Utilities	317,264.97
Farm and Dairy	214,459.00
Total	$ 1,584,384.97

3. Total acreage of property owned 2000 2000
   Additional acreage rented ..... None None
   Total acreage under cultivation 455 455
4. Officers and Employees Actually in Service at End of Year.

	1931			1932		
	Male	Female	Total	Male	Female	Total
Administration:						
Superintendent	1		1	1		1
Cashier and Purchasing Officer	1		1	1		1
Asst. Cashier	1		1	1		1
Sw'hboard Oper.	1		1	1		1
Professional Care and Treatment:						
Asst. Superintendent and Resident Physician	1		1	1		1
Asst. Physicians	3		3	3		3
Dentist	1		1	1		1
Laboratory and X-ray Technician	1		1	1		1
Asst. Lab. and X-ray Technicians	1	1	2	1	1	2
Superintendents of Nurses		2	2		2	2
Graduate Nurses		6	6		6	6
Other Nurses and Attendants		38	38		38	38
Custodial Care:						
Steward	1		1	1		1
Housekeeper		1	1		1	1
Operation and Maintenance of Plant:						
Chief Engineer	1		1	1		1
Supervisor Buildings and Grounds	1		1	1		1
Agriculture:						
Farm Supt.	1		1	1		1
Dairyman	1		1	1		1
Poultryman	1		1	1		1
All other employees	74	11	85	75	10	85
Total officers and employyes	91	59	150	92	58	150
Average daily population			383.6			368
Normal capacity			400			400

TABLE NO. 2

Financial Statement

RECEIPTS	YEARS ENDED June 30, 1931		YEARS ENDED June 30, 1932	
1. Balance on hand from previous year		$ 43,473.20		$ 32,059.39
2. Appropriation		150,500.00		130,400.00
3. Received from paying inmates		137,760.20		127,127.93
4. Received from all other sources—fire loss				1,659.13
5. Total receipts		$331,733.40		$ 291,246.45
DISBURSEMENTS				
Expenditures for Maintenance:				
6. Salaries and wages	$ 88,958.02		$ 76,026.01	
7. Provisions (food)	86,886.91		55,635.55	
8. Fuel, light and water	18,068.87		16,206.69	
9. All other expenditures for maintenance	55,535.81		57,375.22	
10. Total expenditures for maintenance		$249,449.61		$ 205,243.47
11. Expenditures for permanent improvement including additional land and buildings		11,413.81		
12. Expenditures for other purposes, if any				
13. Total expenditures		$260,863.42		$ 205,243.47
14. Amount reverted to General Fund		38,810.59		52,284.46
15. Balance on hand at close of year		32,059.39		33,718.52
16. Total disbursements including balance and amount reverted to General Fund		$331,733.40		$ 291,246.45

SUMMARY OF YEAR'S WORK

July 1, 1930—June 30, 1932

Extension Department

			1930-31	1931-32
Letters and postals received			18,624	18,183
Individual letters written			11,856	11,796
Mimeographed letters mailed			596	922
Mimeographed forms prepared			53	82
Number of copies mimeographed			105,235	129,128
Articles written (approximate number of words):				
Press	24,410	9,140		
Sanatorium Sun	226,950	371,850		
			251,360	380,990
Copies Sanatorium Sun mailed			36,902	36,000
Articles copies (approximate number of words)			18,425	31,800
Patients' histories written			594	515
Approximate number of words in patients' histories			891,000	772,500
Envelopes addressed			18,945	19,505
Enclosures sent out			10,250	9,928
Blank cards mailed for reporting cases of tuberculosis			3,940	2,792
Number of cases reported:				
White	1,900	1,556		
Colored	1,301	1,082		
			3,201	2,638
Literature sent to reported cases			2,431	1,874
Other literature sent			56,801	27,152
Sputum cups distributed			189,200	186,200
Tuberculin sent physicians for von Pirquet test			1,252	1,058
X-ray films sent in for interpretation			315	366
Report of phrenic operations			66	72

REPORT OF P. P. McCAIN, M. D.

	1930-31	1931-32
Days out of office	33	28
Addresses delivered	22	23
Number in audience	2,840	1,817

REPORT OF ADULT TUBERCULOSIS CLINICS

Drs. H. F. Easom, C. D. Thomas and W. F. Thornton, Clinic Physicians

			1930-31	1931-32	Total
Number of addresses delivered			45	19	64
Total audiences			3,520	1,340	4,860
	1930-31	1931-32			
Number of positive cases	308	294			
Number of probable cases	118	87			
Number of doubtful cases	170	420			
Number of negative cases	1,166	1,180			
			1,762	1,981	3,743
No. of white examinations	1,550	1,734			
No. of colored examinations	212	247			
			1,762	1,981	3,743

REPORT OF CHILDREN'S TUBERCULOSIS CLINIC

Result of School Children's Tuberculosis Clinics Conducted by the Extension Department of the North Carolina Sanatorium, in Co-operation with Local Health and School Authorities During School Sessions 1930-31

Result of the Tuberculin Test

(.1 c.c. 1:1000 O. T. dilution intracutaneously)

	White	Colored	Total
Number given tuberculin test	27,016	8,912	35,928
Number positive reactors	2,850(10.55%)	1,496(17.78%)	4,346(12.09%)

Result of the Study of the 4,346 Reactors

			% of the 4,346 Positive Reactors	% of the 35,928 Tested
No. reactors having physical examinations and X-rays		3,667		
No. reactors diagnosed as having tuberculosis	584		13.43	1.63
White, 343 (1.23% of 27,016 tested; 12.03% of 2,850 positive reactors)				
Colored, 241 (2.70% of 8,912 tested; 16.18% of 1,496 positive reactors)				
Childhood type	537			
Childhood and adult type	20			
Adult type	20			
Extrapulmonary	5			
Extrapulmonary and childhood type	2			
No. of reactors classified as suspicious	476		10.95	1.33
Total number of reactors classified as not tuberculous	2,607		59.98	
Total number classified as having no demonstrable tuberculosis (31,582 negative tuberculin reactors plus 2,607)		34,189		95.16
Total number reactors either examined or X-rayed, but study not fully completed, the majority having mild reactions and presumably not tuberculous		448	10.33	1.25
No. reactors for various reasons not examined or X-rayed		231	5.31	0.63

REPORT OF CHILDREN'S TUBERCULOSIS CLINICS

Result of School Children's Tuberculosis Clinics Conducted by the Extension Department of the North Carolina Sanatorium, in Co-operation with Local Health and School Authorities During School Session 1931-32

Result of Tuberculin Test

(.1 c.c. 1:1000 O. T. dilution intracutaneously)

	White	Colored	Total
No. given the tuberculin test	19,158	3,563	22,721
No. positive reactors	3,003(15.6%)	669(18.8%)	3,672(16.26%)

Results of the Study of the 3,672 Positive Tuberculin Reactors

			% of the 3,672 Reactors	% of the 22,721 Tested
Number reactors having physical examinations and X-rays of chest (postero-anterior and oblique)		2,780		
Number reactors diagnosed as having tuberculosis	276		7.52	1.22
White, 206 (1.07% of 19,158 tested; 6.85% of 3,003 positive reactors)				
Colored, 70 (1.97% of 3,563 tested; 10.46% of 669 positive reactors)				
Childhood type	257			
Adult type	14			
Childhood and adult type	5			
Extrapulmonary	0			
Extrapulmonary and adult type	0			
Number reactors classified as suspicious	262		7.14	1.16
Number reactors classified as having no demonstrable tuberculosis	2,242		61.05	
Total number classified as having no demonstrable tuberculosis (2,242 plus 19,049 negative reactors)		21,291		93.70
Number reactors either X-rayed or examined, but study not fully completed, the majority having mild reactions and presumably not tuberculous		580	15.8	2.55
Number reactors for various reasons not examined or X-rayed		312	8.49	1.37

REPORT OF CHILDREN'S TUBERCULOSIS CLINICS

Summary of Results of School Children's Tuberculosis Clinics Conducted by the Extension Department of the North Carolina Sanatorium, in Co-operation with Local Health and School Authorities, During School Sessions 1926-1932

Result of Tuberculin Test

(.1 c.c. 1:1000 O. T. dilution intracutaneously)

	White	Colored	Total
No. given tuberculin test	102,507	19,867	122,374
No. positive reactors	15,687(15.29%)	3,632(18.28%)	19,319(15.77%)

Results of the Study of the 16,097 Positive Tuberculin Reactors Whose Study Was Completed

			% of the 16,097 Reactors Studied	% of the 119,152 Tested*
Number reactors having physical examinations and X-rays of chest (postero-anterior and oblique)		16,097		
Number reactors diagnosed as having tuberculosis	1,895		11.78	1.60
White, 1,394 (1.4% of 102,507 tested; 8.2% of of 15,687 positive reactors)				
Colored, 501 (2.5% of 19,867 tested; 13.8% of 3.632 positive reactors)				
Childhood type	1,716			
Adult type (parenchymal)	102			
Childhood and adult type	49			
Extra-pulmonary	22			
Extra-pulmonary and adult type	6			
Number reactors classified as suspicious	1,970		12.24	1.65
Number reactors classified as having no demonstrable tuberculosis	12,232		75.98	
Total number classified as having no demonstrable tuberculosis (12,232 plus 103,055 negative reactors)		115,287		96.75

*This represents the total number tested less 3,222 positive reactors who for various reasons were not studied or whose study was not complete.

WHITE DIVISION

MEDICAL REPORT

July 1930 - July 1932

STATISTICAL

	1930-31	1931-32	Total
Number of patients to be reported on	324	331	655
Number not classified	0	2	2
Number not tuberculous	51	57	108
Number of patients in Sanatorium July 1st	260	244	504
Total number of patients treated	635	634	1,269
Hospital Days	91,560	92,151	183,711

PATIENTS WHO STAYED LESS THAN NINETY DAYS
1930–32

CONDITION ON ADMISSION					CONDITION ON DISCHARGE									
					Apparently Arrested		Quiescent		Improved		Unimproved		Died	
	1930–31		1931–32		1930-31	1931-32	1930-31	1931-32	1930-31	1931-32	1930-31	1931-32	1930-31	1931-32
Minimal	19	A 14	16	A 10	6	3	1	1	5	6	2			
		B 5		B 6	2	2	1		2	4				
		C 0		C 0										
Moderately Advanced	28	A 5	18	A 2			1		4	2				
		B 23		B 15			1	1	16	13	6	1		
		C 0		C 1								1		
Far Advanced	48	A 0	43	A 0										
		B 20		B 26			1		14	18	5	7		1
		C 28		C 17					8	11	18	3	2	3
Childhood Type			1							1				
Total	95		78		8	5	5	2	49	55	31	12	2	4

	1930-31	1931-32		1930-31	1931-32		1930-31	1930-32
Total number of days	4,137	3,325	Average stay	43.55	42.63	Shortest stay	2	2

Number gained weight: 1930-31 62; 31-32 53

Number lost weight: 1930:-31 13; 31-32 11

	1930-31	1931-32		1930-31	1931-32
Average gain	7.32	4. 7	Average loss	3.21	2.41
Stationary	3	5	Not weighed	17	9

PATIENTS WHO STAYED NINETY DAYS OR OVER
1930–32

CONDITION ON ADMISSION					CONDITION ON DISCHARGE									
					Apparently Arrested		Quiescent		Improved		Unimproved		Died	
	1930–31		1931–32		1930-31	1931-32	1930-31	1931-32	1930-31	1931-32	1930-31	1931-32	1930-31	1931-32
Minimal	30	A 21	32	A 25	17	21	--------	2	3	2	--------	--------	1	--------
		B 9		B 7	8	6	1	--------	--------	1	--------	--------	--------	--------
		C 0		C 0	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
Moderately Advanced	93	A 16	126	A 25	--------	1	12	19	4	5	--------	--------	--------	--------
		B 72		B 96	--------	2	34	38	36	53	2	3	--------	--------
		C 5		C 5	--------	--------	--------	2	4	3	--------	--------	1	--------
Far Advanced	105	A 2	94	A 3	--------	--------	--------	--------	2	3	--------	--------	--------	--------
		B 70		B 65	1	--------	12	9	42	41	11	15	4	1
		C33		C 25	--------	--------	--------	--------	20	12	7	8	6	5
Childhood Type		1		1	1	1	--------	--------	--------	--------	--------	--------	--------	--------
Total		229		253	27	31	59	70	111	120	20	26	12	6

	1930-31	1931-32		1930-31	1931-32		1930-31	1931-32
Total number of days	70,359	87,056	Average stay	306.76	344.09	Longest stay	1,567	1,373

Number gained weight: 1930-31 185; 31-32 206

Number lost weight: 1930-31 31; 31-32 35

	1930-31	1931-32		1930-31	1931-32
Average gain	14.21	14.36	Average loss	7.40	6.36
Stationary	5	2	Stationary	8	10

HISTORY OF HEMORRHAGE

		1930-31	1931-32
Negative		178	188
Positive	Previous	118	123
	Previous and during residence	23	13
	During residence only	5	7

RESULTS OF SPUTUM EXAMINATIONS

Negative or no sputum		143	149
Positive	On admission	153	157
	During residence	116	141
	On discharge	83	69

SEX, AGE AND CIVIL CONDITION

SEX	AGE							CIVIL CONDITION			
	1930–31										
	12-19	20-29	30-39	40-49	50-59	60-69	70-75	Single	Married	Widowed	Divorced
Male 127 Female 197 Total 324	44	124	81	46	23	6	0	143	161	18	2
						1931 –	1932				
Male 122 Female 209 Total 331	46	147	72	37	19	7	3	133	169	21	8

Nationality: 654 Americans; 1 Russian Jew.

TUBERCULOUS COMPLICATIONS

Adenitis (tracheobronchial)	18
Adenitis (cervical)	12
Anal fistula	28
Caseous pneumonia	2
Cystitis	1
Empyema	1
Enteritis	49
Epididymitis	2
Ischiorectal absecess	3
Hydro-pneumothorax	5
Laryngitis	77
Meningitis	1
Peritonitis	5
Pleurisy with effusion	22
Pyo-pneumothorax	2
Spontaneous pneumothorax	2
Tuberculosis of hip	2

NON-TUBERCULOUS COMPLICATIONS

Abscess (alveolar)	6
Abscessed teeth	7
Acne	1
Ankylosis	5
Anemia (secondary)	5
Arteriosclerosis	1
Arthritis	4
Ascaris Lumbricoides	1
Asthma (bronchial)	3
Atrophy of testicle	2
Atrophy of lower extremity	1
Blepharitis	3
Blindness (traumatic)	4
Bronchiectasis	11
Bronchitis	4
Carius teeth	95
Deafness (partial)	7
Deafness (complete)	1
Deformity of left arm	1
Diabetes mellitus	3
Dwarf tapeworm	1
Dysmenorrhea	2
Eczema (squamous)	6
Erosion of cervix	3
Fibroid tumor	1
Gastric ulcer	3
Goiter (simple)	3
Goiter (toxic)	1
Hemorrhoids	19
Hernia	10
Hookworm	36
Hypertension	4
Icthyosis	1
Laceration of cervix	4
Laceration of perineum	4
Lipoma	2
Lues	7
Mastoiditis (chronic)	1
Menopause	6
Mitral regurgitation	9
Morphinism	1
Myocarditis	2
Nephritis	11
Neuritis	1
Nystagmus	1
Otitis media	19
Panus left cornea	1
Paralysis agitans	1
Paralysis (lower extremity)	1
Pellagra	6
Pelvic cellulitis	2
Perforated nasal septum	2
Pharyngitis	5
Phimosis	1
Prolapsed kidney	1
Prolapse of uterus	1
Psychosis	2
Ptosis (left eye lid)	1
Pyelitis	1
Pyorrhea	177
Retroversion of uterus	12
Rhinitis (atrophic)	2
Rhinitis (chronic)	37
Scabies	1
Sciatica	1
Sinusitis	14
Stomatitis	1
Strabismus	5
Tiniea cruris	1
Tonsilitis	103
Undescended testicle	1
Uterine fibroid	1
Varicocele	1
Varicose veins	7

OCCUPATIONS

Accountant	3
Auto dealer	1
Banking	2
Barber	3
Beveling glass	1
Bookkeeper	8
Bottling plant	2
Brick mason	1
Bus driver	2
Cafe operator	1
Carpenter	6
Civil engineer	1
Clerical	16
Clerks	20
Collector	2
Dentist	1
Dressmaker	1
Drug clerk	2
Engineer	2
Farmer	59
Filling station	2
Heating and plumbing	1
Hotel matron	1
Housewives	236
Insurance	4
Interior decorator	1
Laboratory technician	2
Laundry	1
Lawyer	4
Machinist	6
Merchant	8
Messenger boy	1
Mill work	53
Musician	1
Nurses	21
Nurses (registered)	3
Orderly (hospital)	1
Patrolman	1
Physician	2
Preacher	1
Printer	2
Pulman conductor	2
Railroad clerk	1
Saleslady	1
Salesman	12
Sawmill	1
Section foreman	1
Shoemaker	2
Steam fitting	1
Steam shovel operator	1
Stenographer	10
Students	69
Teachers	22
Telegraph operator	2
Telephone manager	2
Telephone operator	5
Timekeeper	1
Train dispatcher	1
Truck driver	1
Waitress	3
Waiter	1

PATIENTS EXAMINED IN SANATORIUM CLINIC FOR DIAGNOSIS AND CONSULTATION

July 1, 1930-June 30, 1932

	White		Colored		Prisoners		Total	
	30-31	31-32	30-31	31-32	30-31	31-32	30-31	31-32
July	234	243	11	14	13	14	258	271
August	223	220	12	10	11	11	246	241
September	192	224	14	11	8	11	214	246
October	205	252	10	11	9	4	224	267
November	154	133	6	18	6	4	166	155
December	101	118	3	6	7	11	111	135
January	146	116	6	6	8	8	160	130
February	140	162	5	7	6	9	151	178
March	174	127	6	14	9	4	189	145
April	182	120	12	14	10	9	204	143
May	209	187	16	10	7	13	232	210
June	210	231	13	8	3	14	226	253
Total	2,170	2,133	114	129	97	112	2,381	2,374

Classification

Positive diagnosis	344	330	55	63	30	33	429	426
Negative diagnosis	1,147	1,083	51	55	60	69	1,258	1,207
Re-examinations	679	720	8	11	7	10	694	741
Total	2,170	2,133	114	129	97	112	2,381	2,374

SUMMARY OF MEDICAL REPORT

July 1, 1930 to July 1, 1932

	1930-31	1931-32	Total
Patients admitted:			
Minimal	54	43	97
Moderately advanced	141	127	268
Far advanced	161	147	308
Extra-pulmonary	0	1	1
Childhood tuberculosis	3	2	5
Not tuberculous	38	42	80
Not classified	10	8	18
Total	407	370	777
Patients discharged:			
Apparently arrested	35	36	71
Quiescent	64	72	136
Improved	160	175	335
Unimproved	51	38	89
Died	14	10	24
Total	324	331	655

REPORT OF X-RAY LABORATORY

July 1, 1930–June 30, 1932

	White	Colored	Prisoners	Total
Stereoroentgenograms of chest Sanatorium patients	855	183	108	1,146
Stereoroentgenograms of chest Clinic patients	1,963	73	42	2,078
Double Roentgenograms of chest Sanatorium patients	110	15		125
Double Roentgenograms of chest Clinic patients	4,721	1,518		6,239
Single Roentgenograms of chest Sanatorium patients	1,066	102	42	1,210
Single Roentgenograms of chest Clinic patients	1,050	536	28	1,614
Miscellaneous X-rays	396	19	11	426
	10,161	2,446	231	12,838
X-ray treatments	169	27	3	199

Laboratory Report

	White	Colored	Prisoners	Total
Sputanalyses:				
Micros	6,382	1,108	706	8,196
Chem	1,605	253	262	2,120
Culture	2			2
Total	7,989	1,361	968	10,318
Urinalyses:				
Micros	1,508	254	134	1,896
Chem	1,579	251	128	1,958
Total	3,087	505	262	3,854
Blood:				
W. B. C.	1,252	208	119	1,579
R. B. C.	1,157	193	111	1,461
Hemoglobin	1,162	193	111	1,466
Color index	1,155	193	111	1,459
Differential	1,258	206	116	1,580
Kahn	552	141	68	761
Wassermann	645	252	87	984
Malaria	31			31
Urea	49			49
Widal	5		4	9
Calcium		10		10
Culture	10		1	11
Sugar	7			7
Undulent fever	4			4
Kline	63	9	12	84
Van den Bergh	2			2
Total	7,352	1,405	740	9,497

Laboratory Report—(Continued)

	White	Colored	Prisoners	Total
Feces	1,035	211	130	1,376
Phthalein	26	2		28
Gastric analyses	54	3	1	58
Plueral fluid	84	9	1	94
B. M. R.	64	3		67
Bacteriological	157	41	7	205
Spinal fluid	3	1	2	6
Peritoneal fluid	1		2	3
Perintoneal culture	1			1
Plueral culture	1			1
Ascitic fluid			3	3
Total	1,426	270	146	1,842

Water:		
For coli	235	
Bacterial count	235	
Total		470
Milk:		
For coli	36	
Bacterial count	37	
Butter fat	2	
Total		75
Total exanimations and tests		26,056

ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Red Cross, Burlington	3
American Red Cross, Fayetteville	11
American Red Cross, Lumberton	1
American Red Cross, Rocky Mount	2
Baptist Church, Zebulon	1
Board of County Commissioners, Anson	1
Board of County Commissioners, Beaufort	1
Board of County Commissioners, Bladen	3
Board of County Commissioners, Brunswick	1
Board of County Commissioners, Buncombe	2
Board of County Commissioners, Caswell	2
Board of County Commissioners, Cleveland	1
Board of County Commissioners, Currituck	2
Board of County Commissioners, Davidson	1
Board of County Commissioners, Duplin	7
Board of County Commissioners, Forsyth	2
Board of County Commissioners, Gaston	46
Board of County Commissioners, Halifax	1
Board of County Commissioners, Harnett	1
Board of County Commissioners, Haywood	1
Board of County Commissioners, Hoke	1
Board of County Commissioners, Lee	2
Board of County Commissioners, Lenoir	1
Board of County Commissioners, Lincoln	1
Board of County Commissioners, McDowell	1
Board of County Commissioners, New Hanover	2
Board of County Commissioners, Onslow	4
Board of County Commissioners, Orange	1
Board of County Commissioners, Randolph	1
Board of County Commissioners, Richmond	2
Board of County Commissioners, Robeson	1
Board of County Commissioners, Rockingham	1
Board of County Commissioners, Rowan	1
Board of County Commissioners, Scotland	1
Board of County Commissioners, Stanly	2
Board of County Commissioners, Stokes	1
Board of County Commissioners, Surry	3
Board of County Commissioners, Union	4
Board of County Commissioners, Yancey	1
Commission of Institutions, Asheville	2
Charity Organization Society, Greensboro	1
Charity Organization Society, Goldsboro	5
Charity Organization Society, Raleigh	1
Crescent Orphanage, Rockwell	1
Erlanger Mills, Erlanger	2
Health Department, Louisburg	1
Junior Order Orphans' Home, Lexington	2
Locke Cotton Mills, Concord	1
Masonic Orphanage, Oxford	2
Mutual Aid Association, Draper	23
Norwood Manufacturing Company, Norwood	1
Mrs. Jefferson Penn, Reidsville	1
Public Welfare, Concord	1
Public Welfare, Durham	21
Public Welfare, Goldsboro	5
Public Welfare, Greenville	1
Public Welfare, Lexington	4
Public Welfare, Lillington	2
Public Welfare, Lenoir	2
Public Welfare, Lumberton	1

Public Welfare, Mocksville	1
Public Welfare, Morganton	1
Public Welfare, Newton	2
Public Welfare, Pitt	1
Public Welfare, Reidsville	5
Public Welfare, Richmond	2
Public Welfare, Rockingham	10
Public Welfare, Smithfield	1
Public Welfare, Wilson	6
Roanoke Mills, Roanoke Rapids	1
Salisbury Cotton Mill, Salisbury	2
Tuberculosis Association, Boone	1
Tuberculosis Association, Concord	8
Tuberculosis Association, Nashville	6
Tuberculosis Association, Thomasville	1
Tuberculosos Seal Sale Committee, coöperating with the Woman's Club, Raleigh	6
United Daughters of the Confederacy	1

PERSONS FROM WHOM DONATIONS WERE RECEIVED

Books and Magazines:

Mr. J. N. Powell, Southern Pines, N. C.
American Bible Society, Richmond, Va.
Busy Bee Boys' Class, Southern Pines, N. C.
Miss Ester E. Gessford, Pembroke, N. C.
Mrs. Popham, Pinehurst, N. C.
Mrs. Bob Stewart, Pinehurst, N. C.
Bible Institute Colportage Association, Chicago, Ill.
Miss Julia McNeill, St. Pauls, N. C.
Mr. Julius W. Stone, High Point, N. C.
Mrs. W. T. Hines, Faison, N. C.

Candies, Cakes, Nuts, Fruits, Flowers, et cetera:

State Dahlia Association, Zerconia, N. C.
Mr. and Mrs. Jim Sweat, Southern Pines, N. C.
Mr. Wm. S. Jonker, Southern Pines, N. C.
St. Anne's Guild, Raleigh, N. C.
Civic and Kiwanis Clubs, Southern Pines, N. C.

Miscellaneous Gifts:

Mrs. George M. Howard, Pinehurst, N. C.
Mrs. W. B. Merrill, Pinehurst, N. C.
Mrs. C. M. Howard, Pinehurst, N. C.
Book Club, Aberdeen, N. C.
Third Grade, Chadbourn, N. C.
Becton-Dickinson Company, Rutherford, N. J.
Vass-Lakeview Vacation Bible School.
Presbyterian Sunday School, Aberdeen, N. C.

Cash Donations:

Mrs. Janette H. Baxter, Seattle, Washington.
Mr. J. E. Gregory, Wilson, N. C.
Mr. W. G. Spaulding, Whiteville, N. C.

CHILDREN'S DIVISION

MEDICAL REPORT

STATISTICAL

	1930-31	1931-32	Total
Number of patients to be reported on	87	54	141
Number not classified	3	0	3
Number not tuberculous	4	1	5
Number of patients in Sanatorium July 1st	34	31	65
Total number of patients treated	128	86	214
Hospital days	15,873	13,340	29,213

Summary Medical Report

	1930-31	1931-32			
Patients admitted:					
Adult type tuberculosis			19	9	28
Minimal	12	4			
Moderately advanced	7	4			
Far advanced	0	1			
Childhood type tuberculosis			39	43	82
Not classified			3	2	5
Total			61	54	115
Patients discharged:					
Apparently healed			78	41	119
Apparently inactive			7	5	12
Improved			1	8	9
Unimproved			1	0	1
Total			87	54	141

Sex and Age

	1930-31	1931-32	Total
Sex:			
Male	31	20	51
Female	56	34	90
Total	87	54	141
Age:			
2–9	40	25	65
10–15	47	29	76
Total	87	54	141

Tuberculous Complications

1930 – 1932

Tracheobronchial adenitis	25	Peritonitis	1

Non-Tuberculous Complications

Adenitis (cervical)	2	Impaired hearing	2
Arthritis	1	Impaired vision	5
Ascaris Lumbricoides	3	Lues	2
Blepharitis	1	Mitral insufficiency	1
Blindness (traumatic)	2	Otitis media	1
Bronchiectasis	4	Pediculosis capiti	5
Bronchitis	1	Pharyngitis	1
Bronchopneumonia	1	Phimosis	2
Carious teeth	28	Pneumonitis	4
Diseased adenoids	4	Pompholyx (hands and feet)	1
Diseased tonsils	68	Poison ivy	1
Dwarf tapeworm	1	Pyorrhea	1
Epilepsy	1	Rhinitis (chronic)	2
Hookworm	13	Ringworm	2
Hypertension	2	Scabies	2
		Strabimus	1

COLORED DIVISION

MEDICAL REPORT

STATISTICAL

	1930-31	1931-32	Total
Number of patients to be reported on	107	106	
Number not classified	0	0	
Number not tuberculous	10	7	
Number of patients in Sanatorium July 1st	57	28	
Total number of patients treated	174	141	315
Hospital days	21,005	18,065	39,070

PATIENTS WHO STAYED LESS THAN NINETY DAYS
1930–32

CONDITION ON ADMISSION					CONDITION ON DISCHARGE									
					Apparently Arrested		Quiescent		Improved		Unimproved		Died	
	1930–31		1931–32		1930-31	1931-32	1930-31	1931-32	1930-31	1931-32	1930 -31	1931-32	1930-31	1931-32
Minimal	1	A 1		A 0	1									
		B 0	0	B 0										
		C 0		C 0										
Moderately Advanced	4	A 0		A 0										
		B 4	6	B 6					2	4		2	2	
		C 0		C 0										
Far Advanced	37	A 1		A 0					1					
		B 12	33	B 9					5	5	7	3		1
		C 24		C 24					2	4	16	11	6	9
Childhood Type	1								1					
Extra-pulmonary			1									1		
Total	43		40		1				11	13	23	17	8	10

	1930-31	1931-32		1930-31	1931-32		1930-31	1931-32
Total number of days	1,683	1,818	Average stay	39.14	45.5	Shortest stay	3	3

Number gained weight: 1930-31 28; 31-32 21

Number lost weight: 1930-31 11; 31-32 13

	1930-31	1931-32		1930-31	1931-32
Average gain	6	4.79	Average loss	5.7	6.65
Stationary	1	5	Not weighed	3	1

PATIENTS WHO STAYED NINETY DAYS OR OVER
1930–32

CONDITION ON ADMISSION					CONDITION ON DISCHARGE									
					Apparently Arrested		Quiescent		Improved		Unimproved		Died	
	1930–31		1931–32		1930-31	1931-32	1930-31	1931-32	1930-31	1931-32	1930-31	1931-32	1930-31	1931-32
Minimal	4	A 3 B 1 C 0	1	A 1 B 0 C 0	1 1		2			1				
Moderately Advanced	22	A 1 B 19 C 2	11	A 3 B 7 C 1			3		1 15 1	2 5 1	1 1	1 2		
Far Advanced	36	A 0 B 22 C 14	52	A 3 B 28 C 21		2 1		3	10 2	3 14 9	9 5	6 7	3 7	36 4
Childhood Type	2		2					1		1	1		1	
Total	64		66		2	3	5	4	29	36	17	16	11	7

	1930-31	1931-32		1930-31	1931-32		1930-31	1931-32
Total number of days	17,567	20,044	Average stay	274.48	303.7	Longest stay	974	711

Number gained weight: 1930-31 45; 31-32 50

Number lost weight: 1930-31 19; 31-32 14

	1930-31	1931-32		1930-31	1931-32
Average gain	22.77	17.3	Average loss	12.97	10.9
Stationery	0	2	Not weighed	0	0

HISTORY OF HEMORRHAGE

		1930-31	1931-32
Negative		68	62
Positive	Previous only	28	28
	Previous and during residence	7	7
	During residence only	3	9

RESULTS OF SPUTUM EXAMINATION

Negative or no sputum		31	25
Positive	On admission	65	76
	During residence	50	57
	On discharge	44	42

SEX, AGE AND CIVIL CONDITION

SEX	AGE							CIVIL CONDITION			
	1930-1931										
	6-9	10-19	20-29	30-39	40-49	50-59	60-72	Single	Married	Widowed	Divorced
Male 59 Female 48 Total 107	2	19	51	25	6	4	0	50	48		9
	1931 - 1932										
Male 49 Female 57 Total 106	4	21	53	14	10	2	2	49	48	6	3

OCCUPATIONS

1930 - 1932

Barber	3
Blacksmith	1
Brick Mason	2
Butler	2
Cafe Operator	1
Chauffeur	4
Cleaning and Pressing	2
Clerk	1
Cooks	17
Delivery boy	2
Dressmaker	2
Farming	34
Factory laborer	11
Housework	39
Janitor	2
Laborers	17
Laundress	2
Lawyer	1
Maids	8
Missionary	1
Musician	2
Night Watchman	1
Nurses	9
Orderly	1
Packer	1
Pullman Porter	3
Seamstress	1
Secretarial	1
Students	32
Teachers	4
Travelers' Aid	1
Truck Driver	3
Undertaker	1
Waiter	1

TUBERCULOUS COMPLICATIONS

1930 - 1932

Adenitis (tracheobronchial)	12
Adenitis (cervical)	2
Adenitis (inguinal)	1
Anal Fistula	3
Enteritis	16
Laryngitis	28
Lupus vulgaris	1
Meningitis	3
Osteitis	1
Otitis media	2
Peritonitis	2
Pleurisy with effusion	15
Pneumonia (caseous)	2

NON-TUBERCULOUS COMPLICATIONS

Abscess (toe)	1
Alveolar abscess	1
Anemia (secondary)	1
Ankylosis	1
Aortitis	1
Arterio-sclerosis	2
Arthritis	1
Asthma (bronchial)	1
Carius teeth	51
Cervicitis (uterine)	3
Colitis	1
Cystocele	2
Deafness (partial)	2
Dementia	1
Endocarditis	2
Endocervicitis	3
Endometritis	1
Epididymitis	1
Erosion of cervix	1
Glossitis	1
Gonorrhea	1
Hallux Valgus	1
Hemorrhoids	1
Hernia	4
Hookworm	2
Hypertension	1
Hyperthyroidism	2
Laceration of cervix	3
Laceration of perineum	3
Leucoderma	1
Lues	18
Mental deficiency	1
Mitral regurgitation	3
Myocarditis	3
Nystagmus	1
Osteomyelitis	1
Pericarditis	1
Pregnancy	2
Prolapsed uterus	1
Psychosis	2
Pyorrhea	38
Retroflexion of uterus	2
Retroversion of uterus	5
Rhinitis (chronic)	6
Salpingitis	2
Scabies	2
Stomatitis	1
Testicular atrophy	1
Tonsilitis	33
Tumor of breast (fibroid)	1
Uterine fibroid	1
Varicose veins	2

SUMMARY MEDICAL REPORT

	1930-31	1931-32	Total
Patients admitted:			
Minimal	1	2	3
Moderately advanced	25	18	43
Far advanced	71	52	123
Childhood type tuberculosis	3	4	7
Not tuberculous	9	5	14
Extra-pulmonary	1	1	2
Total	110	82	192
Patients discharged:			
Apparently arrested	3	3	6
Quiesent	5	4	9
Improved	40	49	89
Unimproved	40	33	73
Died	19	17	36
Total	107	106	113

ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Red Cross, Farmville	1
American Red Cross, Fayetteville	14
American Red Cross, Hickory	2
Board of County Commissioners, Bladen	1
Board of County Commissioners, Catawba	1
Board of County Commissioners, Currituck	2
Board of County Commissioners, Forsyth	1
Board of County Commissioners, Gaston	13
Board of County Commissioners, Hoke	11
Board of County Commissioners, Lee	1
Board of County Commissioners, Pasquotank	2
Board of County Commissioners, Robeson	2
Board of County Commissioners, Scotland	1
Board of County Commissioners, Union	4
Charity Organization Society, Goldsboro	7
City of Winston-Salem	3
Family Service Agency, Greensboro	1
Health Department, Louisburg	1
Moore County Health and Welfare Association, Mrs. Frances Keating, President	6
Mutual Aid Association, Spray	3
Oxford Orphanage	1
Public Welfare, Asheville	1
Public Welfare, Burlington	1
Public Welfare, Chapel Hill	1
Public Welfare, Concord	1
Public Welfare, Durham	23
Public Welfare, Fayetteville	1
Public Welfare, Goldsboro	2
Public Welfare, Henderson	1
Public Welfare, Lenoir	2
Public Welfare, Lillington	2
Public Welfare, Raleigh	1

Public Welfare, Reidsville	2
Public Welfare, Rockingham	5
Public Welfare, Wadesboro	12
Public Welfare, Washington	1
Public Welfare, Wilson	1
Tuberculosis Association, Burlington	1
Tuberculosis Association, Nashville	1
Tuberculosos Association, Wilson	1
Tuberculosis Seal Sale Committee, coöperating with the Woman's Club, Raleigh	2
Tuberculosis Seal Sale Committee, Sanford	1

PERSONS FROM WHOM DONATIONS WERE RECEIVED

Books and Magazines:

Miss Mary Page, Aberdeen, N. C.
Mr. Drew, Southern Pines, N. C.
Mrs. John G. Phillips, Sharron, Massachusetts.
Mr. and Mrs. Smith, Pine Bluff, N. C.
Mrs. Morse, Canton, Maryland.
Mrs. F. A. Brown, Boston, Massachusetts.
Lend A Hand Book Mission, Boston, Massachusetts.

Miscellaneous Gifts:

Zion Chapel, Salisbury, N. C.
Woman's Club, Statesville, N. C.
Rev. and Mrs. McCord, Southern Pines, N. C.
Mrs. Boyd, Southern Pines, N. C.
Mrs. Cheatham, Pinehurst, N. C.

Cash:

Mrs. Viola Davis, Concord, N. C.
Mrs. Parson, Pinehurst, N. C.
Mrs. Chapman, Pinehurst, N. C.
Mr. S. Chapin, Pinehurst, N. C.

PRISON DIVISION

MEDICAL REPORT

	1930-31	1931-32	Total
Number of patients to be reported on	39	24	63
Number not tuberculous	18	25	43
Number of patients in Sanatorium July 1st	27	36	63
Total number of patients treated	84	85	169
Hospital days	12,698	11,130	23,828
Summary Medical Report			
Patients admitted:			
Minimal	8	5	13
Moderately advanced	12	15	27
Far advanced	11	13	24
Not classified	4	5	9
Not tuberculous	18	20	38
Extra-pulmonary	1	1	2
Childhood tuberculosis	0	1	1
Total	53	60	113
Patients discharged:			
Apparently arrested	3	1	4
Quiescent	6	2	8
Improved	16	15	31
Unimproved	4	2	6
Died	10	4	14
Total	39	24	63

SANATORIUM

SANATORIUM, N. C.

FINANCIAL REPORT

FOR THE TWO FISCAL YEARS ENDED

JUNE 30, 1931, AND JUNE 30, 1932

EXHIBIT "A"

Revenues and Expenditures

PERMANENT IMPROVEMENT FUND

For the Two Years Ended June 30, 1931 and 1932

	Fiscal Year 1930-1931	Fiscal Year 1931-1932
REVENUES		
Appropriations:		
Chapter 147, P. L , 1927 Balance	$ 8,508.45	$ 8,508.45
Chapter 295, P. L., 1929 Balance	34,964.75	23,550.94
Institutional receipts—Fire loss		1,659.13
Total Revenues	$ 43,473.20	$ 33,718.52
EXPENDITURES		
Sewage disposal	$ 11,413.81	None
Balance June 30	$ 32,059.39	$ 33,718.52

EXHIBIT "B"

Revenues and Expenditures

MAINTENANCE FUND

For the Two Years Ended June 30, 1931 and 1932

	Fiscal Year 1930-1931	Fiscal Year 1931-1932
REVENUES		
Appropriations:		
Chapter 280, P. L., 1929	$150,500.00	
Chapter 429, P. L , 1931		$ 130,400.00
Institutional receipts (net)	137,760.20	127,127.93
Total revenues	$288,260.20	$ 257,527.93
EXPENDITURES		
Office and administration	$ 9,693.81	$ 7,101.74
Professional care and treatment	43,652.23	36,944.45
Custodial care	113,844.91	90,273.81
Operation of plant	28,638.04	25,740.99
Maintenance of plant	16,193.83	18,027.41
Agriculture	36,282.87	24,133.37
Additions and betterments	1,143.92	3,021.70
Total expenditures	$249,449.61	$ 205,243.47
Balance reverted to General Fund	$ 38,810.59	$ 52,284.46

EXHIBIT "B-1"

Revenues and Expenditures

EXTENSION FUND

For the Two Fiscal Years Ended June 30, 1931 and 1932

	Fiscal Year 1930-1931	Fiscal Year 1931-1932
REVENUES		
Appropriations:		
Chapter 280, P. L., 1929	$ 30,000.00	
Chapter 429, P. L., 1931		$ 24,180.00
Institutional receipts	824.64	262.69
Total revenues	$ 30,824.64	$ 24,442.69
EXPENDITURES		
Salaries and wages	$ 16,771.50	$ 14,546.74
Supplies and materials	372.03	200.84
Postage, telegraph and telephone	1,012.59	839.56
Travel expense	3,582.75	2,471.52
Printing and binding	2,343.11	1,909.84
Total expenditures	$ 24,081.98	$ 19,968.50
Balance reverted to General Fund	$ 6,742.66	$ 4,474.19

EXHIBIT "C"

AVERAGE POPULATION AND MAINTENANCE PER CAPITA COST

For the Two Fiscal Years Ended June 30, 1931 and 1932

	Fiscal Year 1930-1931	Fiscal Year 1931-1932
Office and administration	$ 25.27	$ 19.31
Medical and surgical	71.30	61.39
Nursing and attendance	38.84	35.72
Instructional	3.66	3.28
Subsistence	226.50	187.86
Housekeeping	49.29	41.56
Wearing apparel	2.53	1.65
Laundry	12.61	11.38
Recreational	5.84	2.85
Operation of plant	74.66	69.95
Care buildings and grounds	42.22	48.99
Agriculture	94.59	65.58
Additions and betterments	2.98	8.21
Totals	$ 650.29	$ 557.73
Average number of patients	383.6	368

EXHIBIT "D"

Statement of Institutional Receipts

MAINTENANCE FUND

For the Two Fiscal Years Ended June 30, 1931 and 1932

	Fiscal Year 1930-1931	Fiscal Year 1931-1932
Office and administration	$ 10,959.48	$ 15,395.27
Professional care and treatment	6,395.20	5,093.50
Custodial care	131,607.48	122,944.00
Agriculture	921.84	172.80
Total gross institutional receipts	$149,884.00	$ 143,605.57
Less:		
Refunds of expense	$ 10,959.48	$ 15,395.27
Refunds of receipts	1,164.32	1,082.47
Total refunds	$ 12,123.80	$ 16,477.64
Total net institutional receipts	$137,760.20	$ 127,127.93

NOTE: Under institutional receipts 1931-1932, administration, is included $3,000.00 imprest fund which was returned by the institution during the year.